WATER PROPERTY OBSERVATIONS FROM THE NORTH COAST OCEANIC DYNAMICS EXPERIMENT (NCODE): MAY 1983 - DECEMBER 1985 VOLUME 2

by

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1988

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Canada

89-00716/

Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

Canadian Data Report of Hydrography and Ocean Sciences No.67(2)

1988

WATER PROPERTY OBSERVATIONS FROM THE NORTH COAST OCEANIC DYNAMICS EXPERIMENT (NCODE): MAY 1983 - DECEMBER 1985

VOLUME 2

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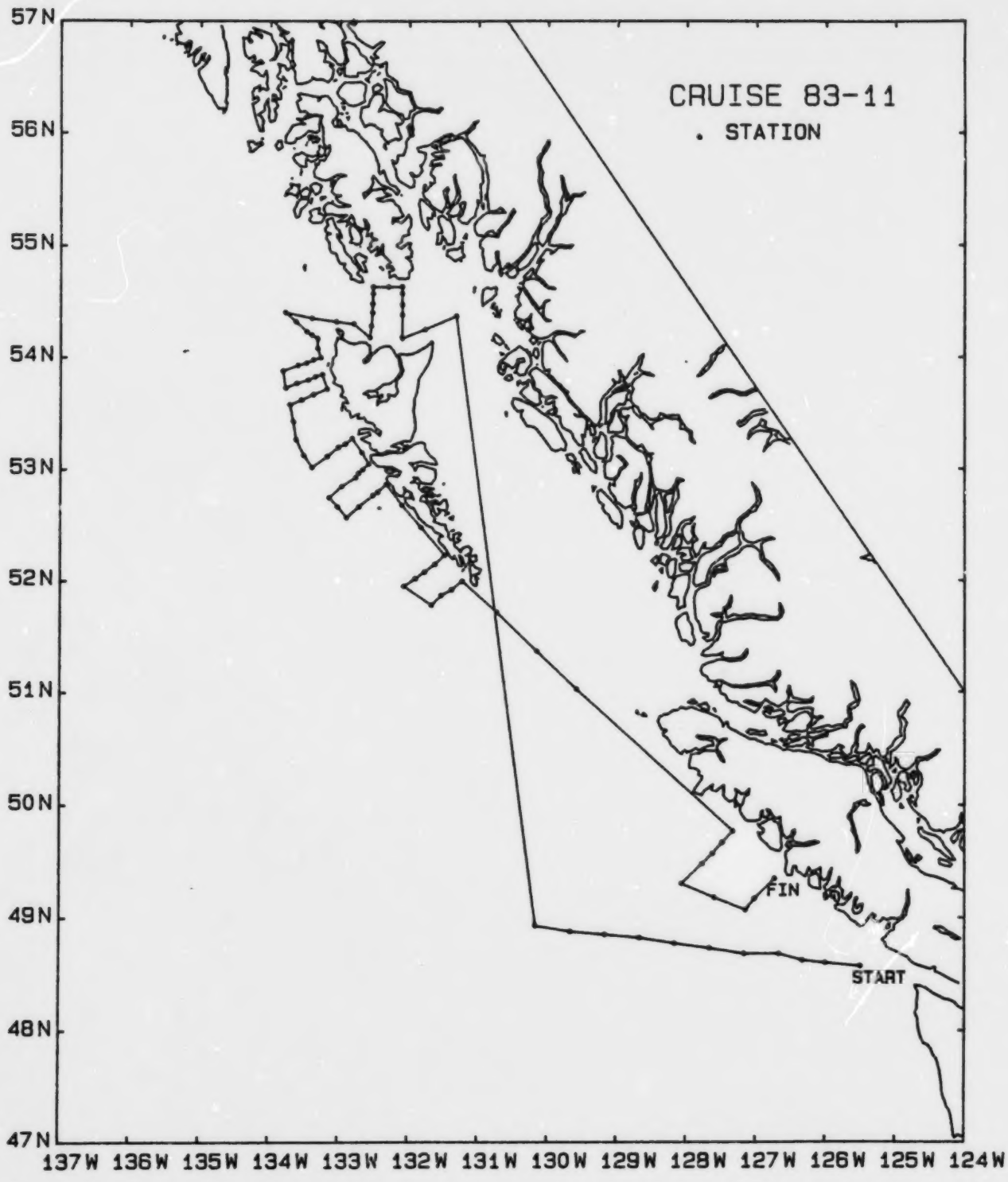
CRUISE 83-11
10-15 JULY 1983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NORTH COAST OCEANIC DYNAMICS EXPERIMENT

Key to information written on Plot pages and Listing pages.

PLOT PAGE

Ref. No. Year-Month-Station Consecutive Number
Latitude (°N) Longitude (°W)
Month Day Time (GMT)*

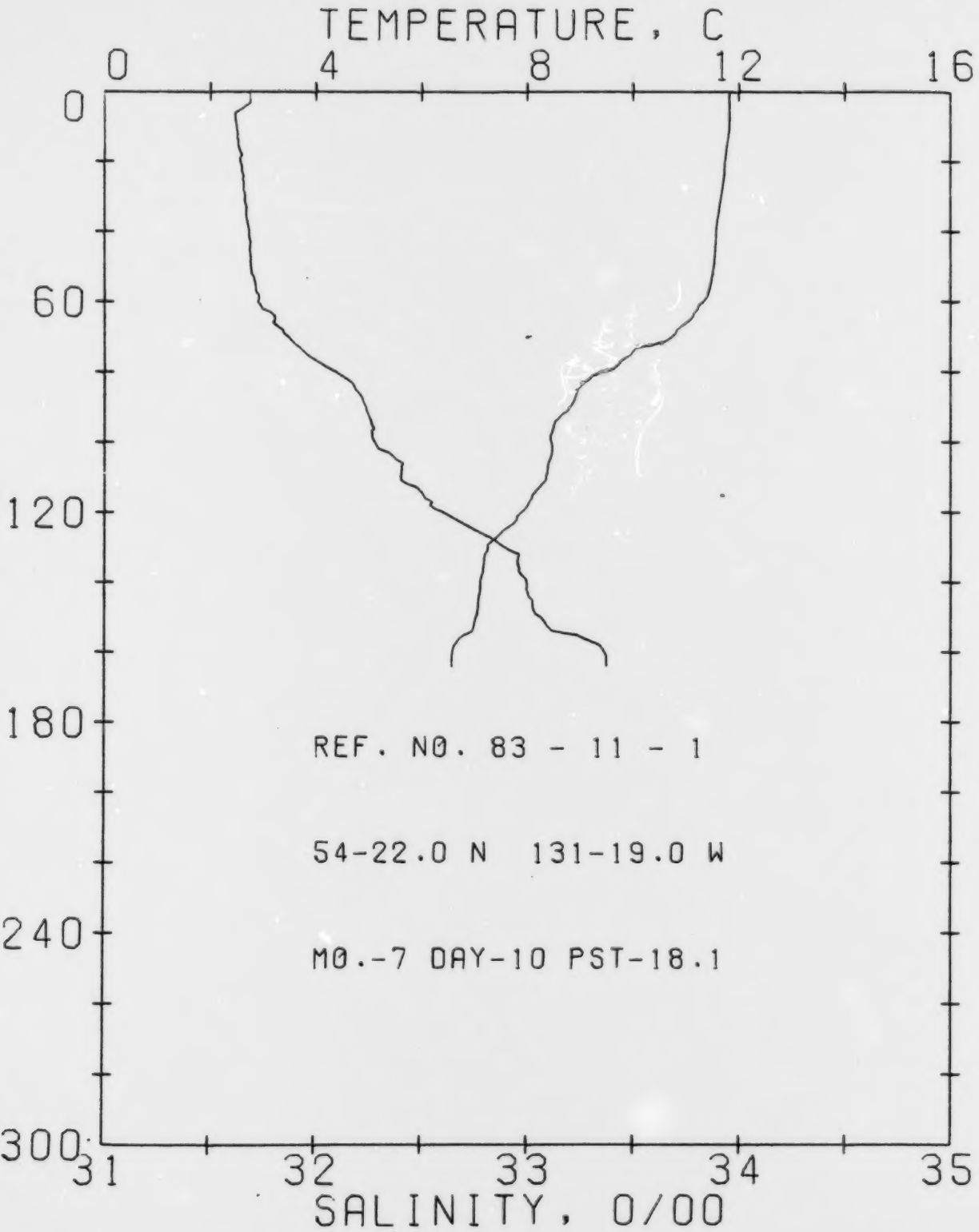
*PST = GMT - 8 hours

LISTING PAGE

Ref. No. Year-Month-Station Reference Number Date (D/Mo/Yr)
Position Latitude (°N) Longitude (°W) GMT (Hours) Station ID
Results of STP Cast ...Number of 1-metre averaged points
taken from digital system... Guildline (CTP) was used...
Pressures (in db) are input

PARAMETERS, SYMBOLS, UNITS

DEPTH: DEPTH in metres
TEMPERATURE: TEMP in degrees Celcius
SALINITY: SAL in grams per kilogram
SIGMA-T: SIG-T (dimensionless)
SPECIFIC VOLUME ANOMALY: SVA in 10Exp(-5)* cm^3/gram
GEOPOTENTIAL ANOMALY: DELTA-D in Joules/Kilogram
POTENTIAL ENERGY: POT. EN. in 10Exp(8) Ergs/cm^2
SPEED OF SOUND: SOUND in metres/second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MO.-7 DAY-10 PST-18.1
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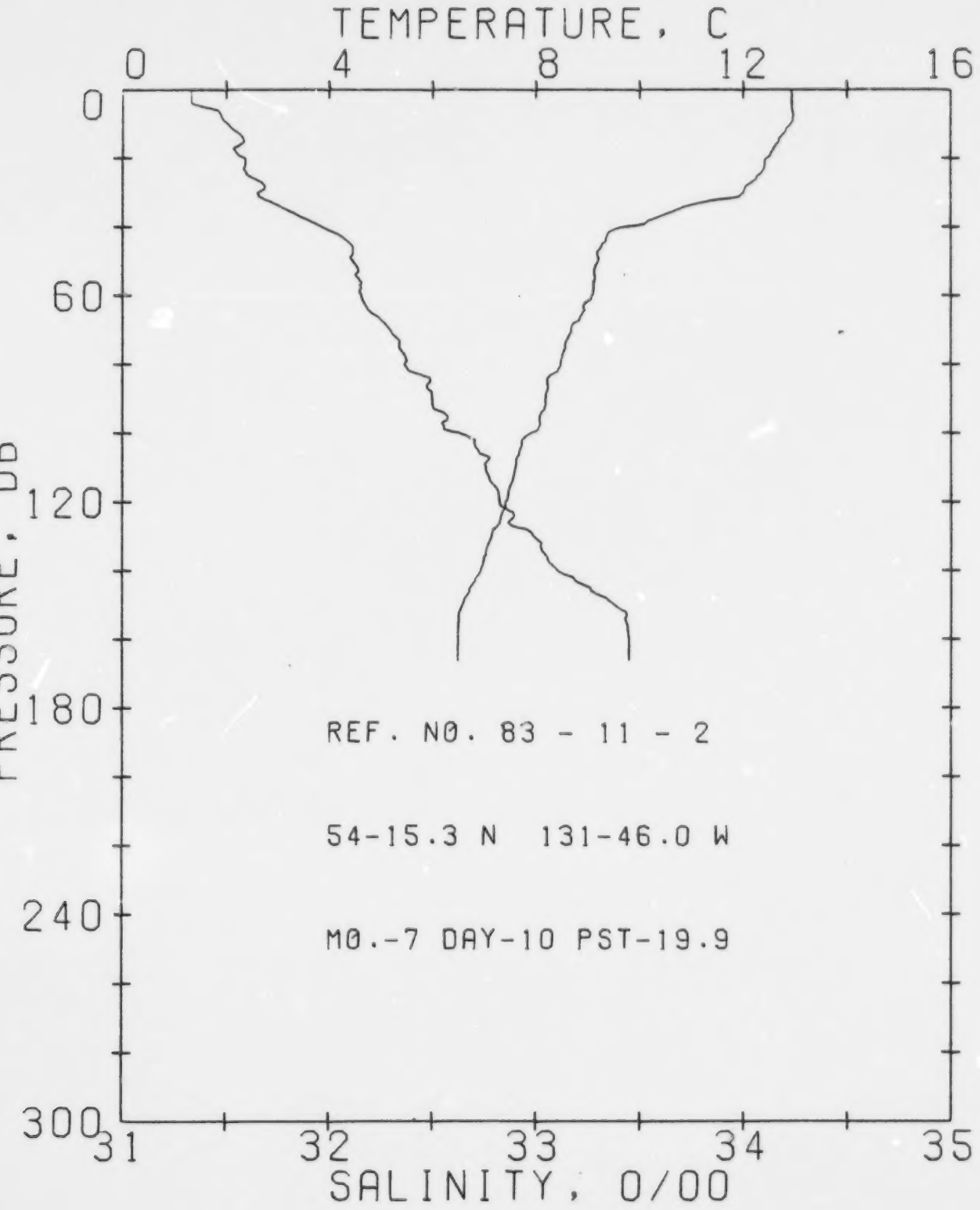
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 1 DATE 10/ 7/83
POSITION 54-22.0N, 131-19.0W 18.1 STATION Q61
RESULTS OF STP CAST 165 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.82	31.69	0	24.08	384.4	.00	.00	1493.
10	11.82	31.63	10	24.03	389.3	.39	.02	1493.
20	11.75	31.64	20	24.06	387.0	.78	.08	1493.
30	11.66	31.67	30	24.09	384.1	1.16	.18	1493.
50	11.52	31.69	50	24.14	380.0	1.92	.49	1492.
75	9.95	31.96	75	24.61	334.8	2.84	1.07	1488.
100	8.45	32.28	99	25.10	288.9	3.60	1.74	1483.
125	7.56	32.76	124	25.60	241.4	4.27	2.51	1480.
150	7.03	33.07	149	25.92	211.5	4.83	3.29	1479.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MO.-7 DAY-10 PST-19.9
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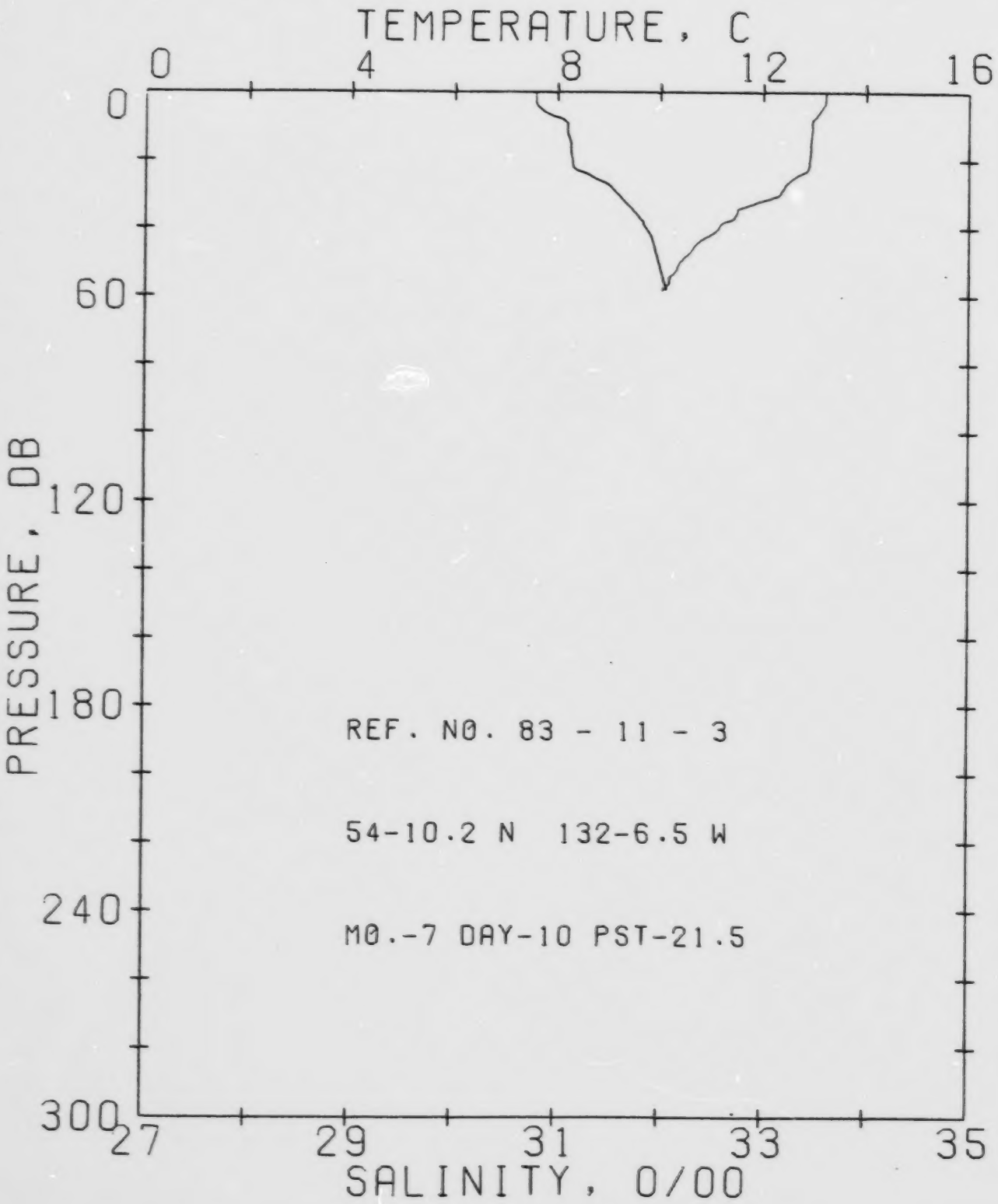
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 2 DATE 10/ 7/83
POSITION 54-15.3N, 131-46.0W 19.9 STATION Q62
RESULTS OF STP CAST 167 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.93	31.33	0	23.60	430.5	.00	.00	1496.
10	12.92	31.51	10	23.74	417.2	.43	.02	1496.
20	12.43	31.60	20	23.89	402.6	.84	.08	1495.
30	12.01	31.65	30	24.01	391.3	1.23	.19	1494.
50	9.20	32.12	50	24.86	311.3	1.91	.46	1485.
75	8.57	32.34	75	25.12	286.1	2.66	.93	1483.
100	7.88	32.64	99	25.46	254.4	3.34	1.54	1481.
125	7.32	32.88	124	25.73	229.0	3.94	2.22	1480.
150	6.57	33.38	149	26.23	182.2	4.46	2.95	1478.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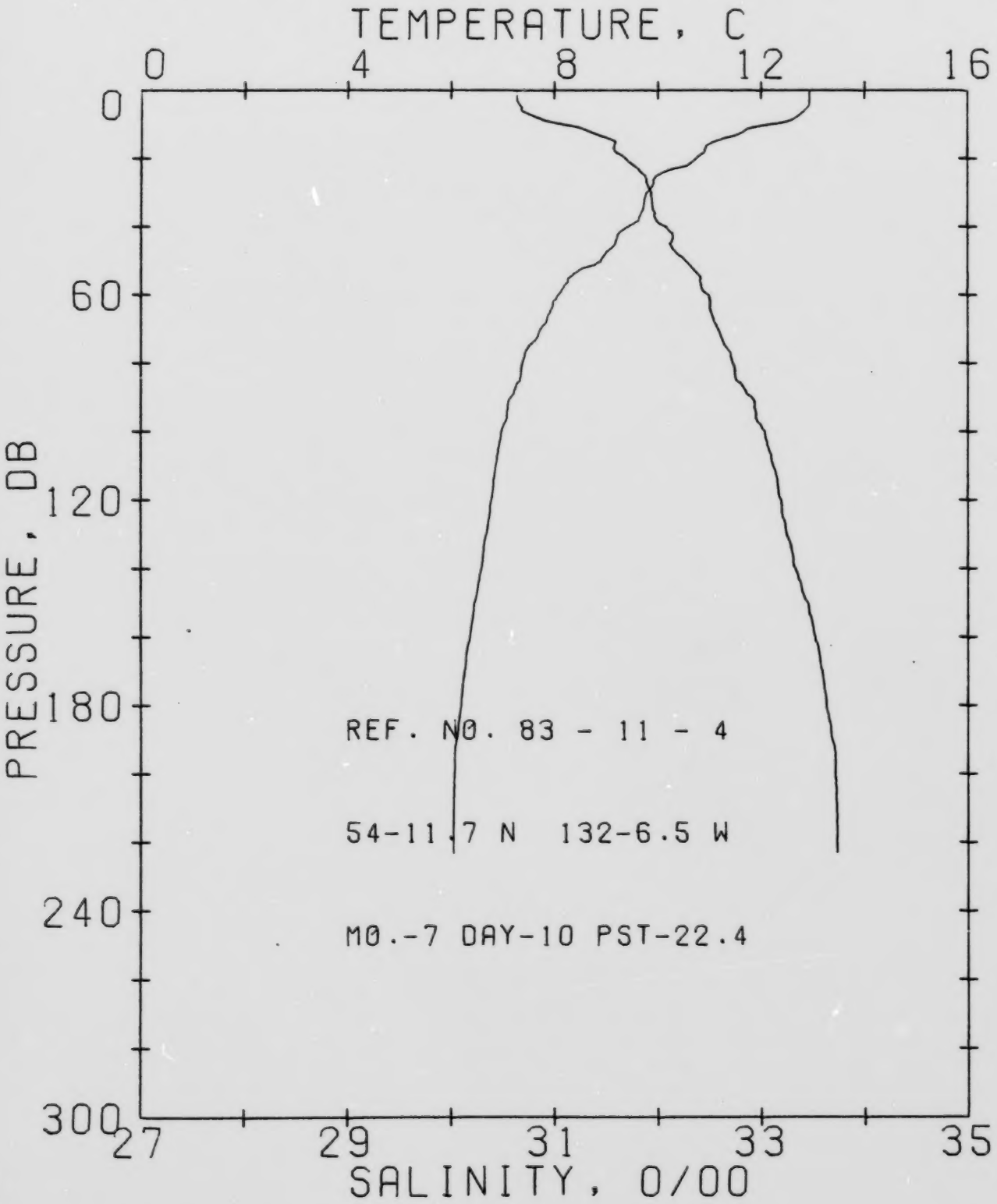
MO.-7 DAY-10 PST-21.5
27
29
31
33
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 3 DATE 10/ 7/83
POSITION 54-10.2N, 132- 6.5W 21.5 STATION Q60
RESULTS OF STP CAST 59 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.22	30.80	0	23.12	475.5	.00	.00	1496.
10	12.97	31.10	10	23.41	448.5	.47	.02	1496.
20	12.91	31.16	20	23.46	443.7	.91	.09	1496.
30	12.34	31.60	30	23.92	400.6	1.34	.20	1495.
50	10.39	31.99	50	24.57	339.0	2.06	.49	1489.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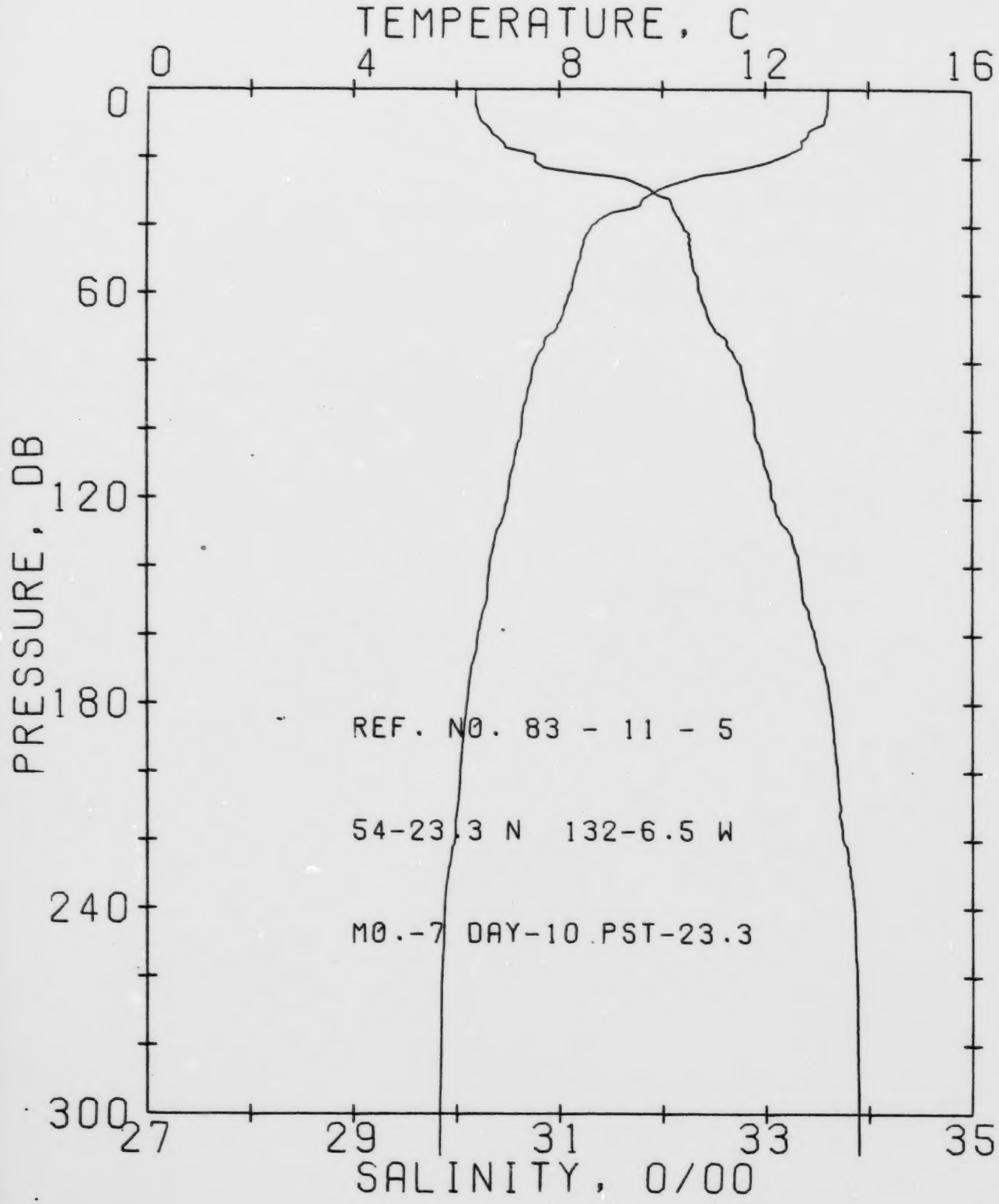
PRESSURE, DB
REF. NO. 83 - 11 - 4
54-11.7 N 132-6.5 W
MO.-7 DAY-10 PST-22.4
27
29
31
33
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 4 DATE 10/ 7/83
POSITION 54-11.7N, 132- 6.5W 22.4 STATION Q59
RESULTS OF STP CAST 224 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.94	30.64	0	23.06	481.5	.00	.00	1495.
10	12.13	31.10	10	23.57	433.6	.47	.02	1493.
20	10.75	31.70	20	24.28	365.9	.86	.08	1489.
30	9.78	31.95	30	24.63	332.4	1.21	.17	1486.
50	8.90	32.28	50	25.03	294.8	1.84	.43	1484.
75	7.52	32.66	75	25.53	247.5	2.51	.85	1479.
100	6.99	33.04	99	25.90	212.1	3.08	1.36	1478.
125	6.75	33.22	124	26.07	196.5	3.59	1.94	1478.
150	6.46	33.46	149	26.30	174.9	4.06	2.60	1477.
175	6.23	33.62	174	26.45	160.8	4.48	3.29	1477.
200	6.07	33.72	199	26.55	151.5	4.87	4.03	1477.
225	6.05	33.74	223	26.57	149.9	5.24	4.85	1477.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REF. NO. 83 - 11 - 5
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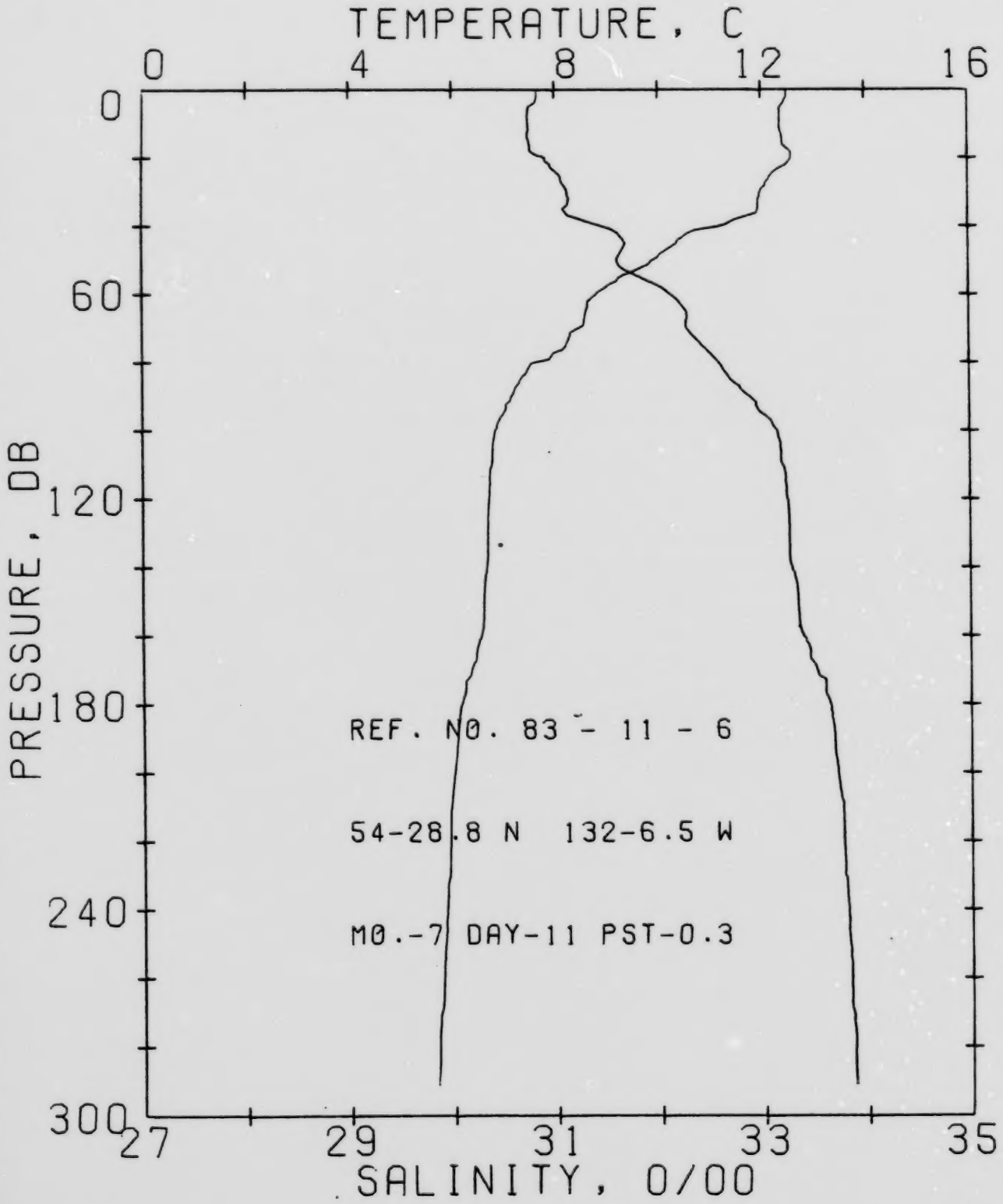
MO.-7 DAY-10 PST-23.3
27
29
31
33
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 5 DATE 10/ 7/83
POSITION 54-23.3N, 132- 6.5W 23.3 STATION Q58
RESULTS OF STP CAST 313 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.23	30.20	0	22.66	519.5	.00	.00	1496.
10	13.16	30.29	10	22.75	512.0	.52	.03	1496.
20	12.29	30.78	20	23.29	460.4	1.01	.10	1493.
30	9.86	31.93	30	24.60	335.0	1.40	.20	1486.
50	8.40	32.30	50	25.12	286.2	2.01	.44	1482.
75	7.71	32.62	75	25.47	252.6	2.69	.88	1480.
100	7.25	32.89	99	25.75	226.8	3.28	1.40	1479.
125	6.91	33.11	124	25.97	206.4	3.82	2.02	1478.
150	6.57	33.36	149	26.21	183.6	4.30	2.69	1478.
175	6.22	33.61	174	26.45	160.9	4.72	3.39	1477.
200	6.05	33.70	199	26.54	152.9	5.12	4.14	1477.
225	5.88	33.80	223	26.65	143.1	5.49	4.95	1477.
250	5.74	33.87	248	26.72	136.7	5.84	5.79	1477.
300	5.67	33.90	298	26.75	134.4	6.51	7.68	1477.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REF. NO. 83 - 11 - 6
54-28.8 N 132-6.5 W
MO.-7 DAY-11 PST-0.3
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29
31
33
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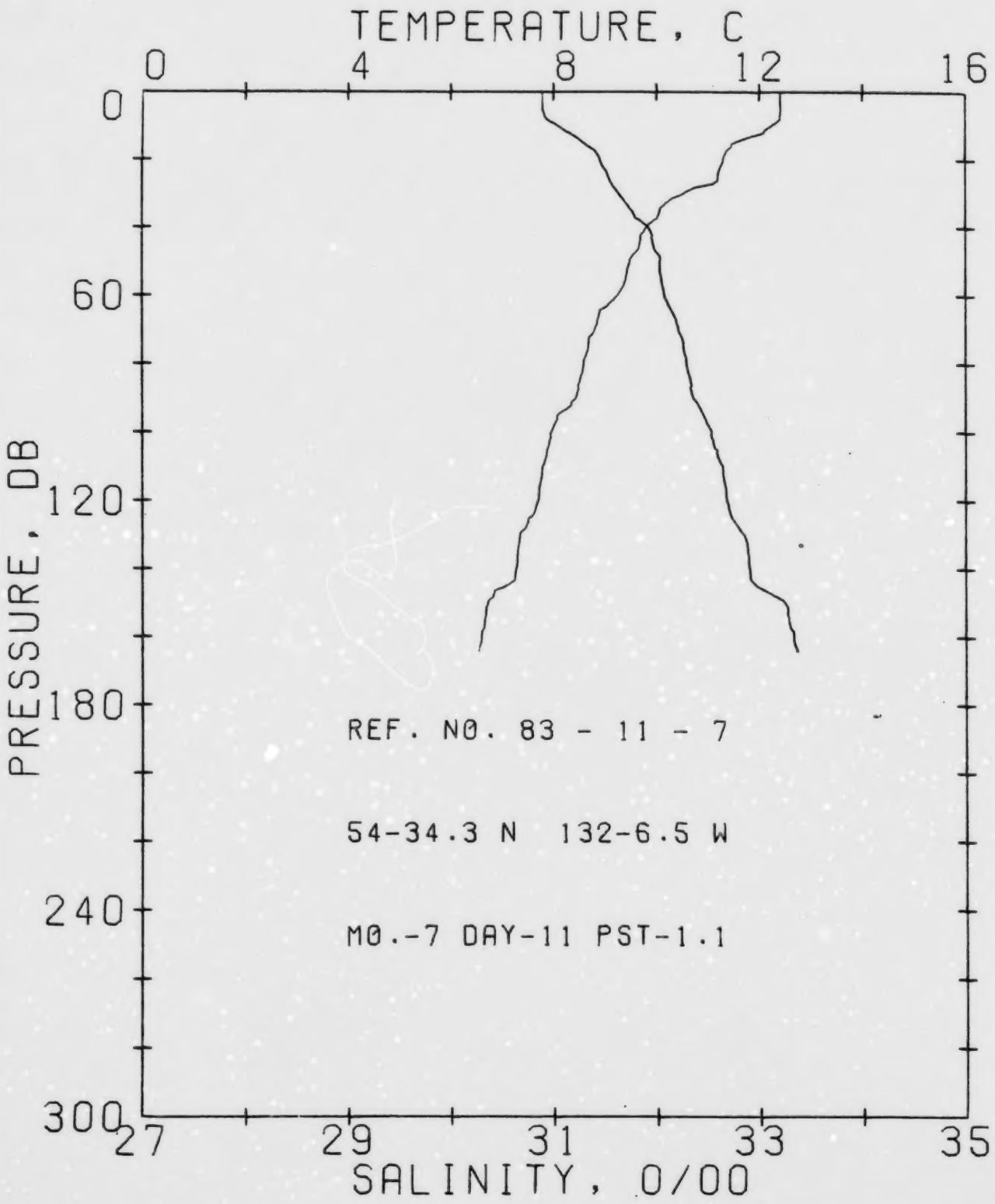
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 6 DATE 11/ 7/83
POSITION 54-28.8N, 132- 6.5W .3 STATION Q57
RESULTS OF STP CAST 292 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.51	30.84	0	23.30	459.1	.00	.00	1494.
10	12.36	30.75	10	23.25	463.3	.46	.02	1494.
20	12.59	30.92	20	23.34	455.4	.93	.09	1495.
30	11.98	31.13	30	23.62	428.9	1.37	.21	1493.
50	9.87	31.59	50	24.34	360.2	2.15	.52	1486.
75	8.21	32.42	75	25.24	274.6	2.92	1.01	1482.
100	6.82	33.15	99	26.01	202.1	3.51	1.53	1478.
125	6.68	33.26	124	26.11	192.5	4.00	2.09	1478.
150	6.60	33.34	149	26.19	185.6	4.48	2.76	1478.
175	6.24	33.61	174	26.44	161.7	4.92	3.49	1477.
200	6.01	33.71	199	26.56	150.9	5.31	4.23	1477.
225	5.90	33.78	223	26.62	145.2	5.67	5.02	1477.
250	5.80	33.82	248	26.67	141.0	6.03	5.89	1477.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54-34.3 N 132-6.5 W
MO.-7 DAY-11 PST-1.1
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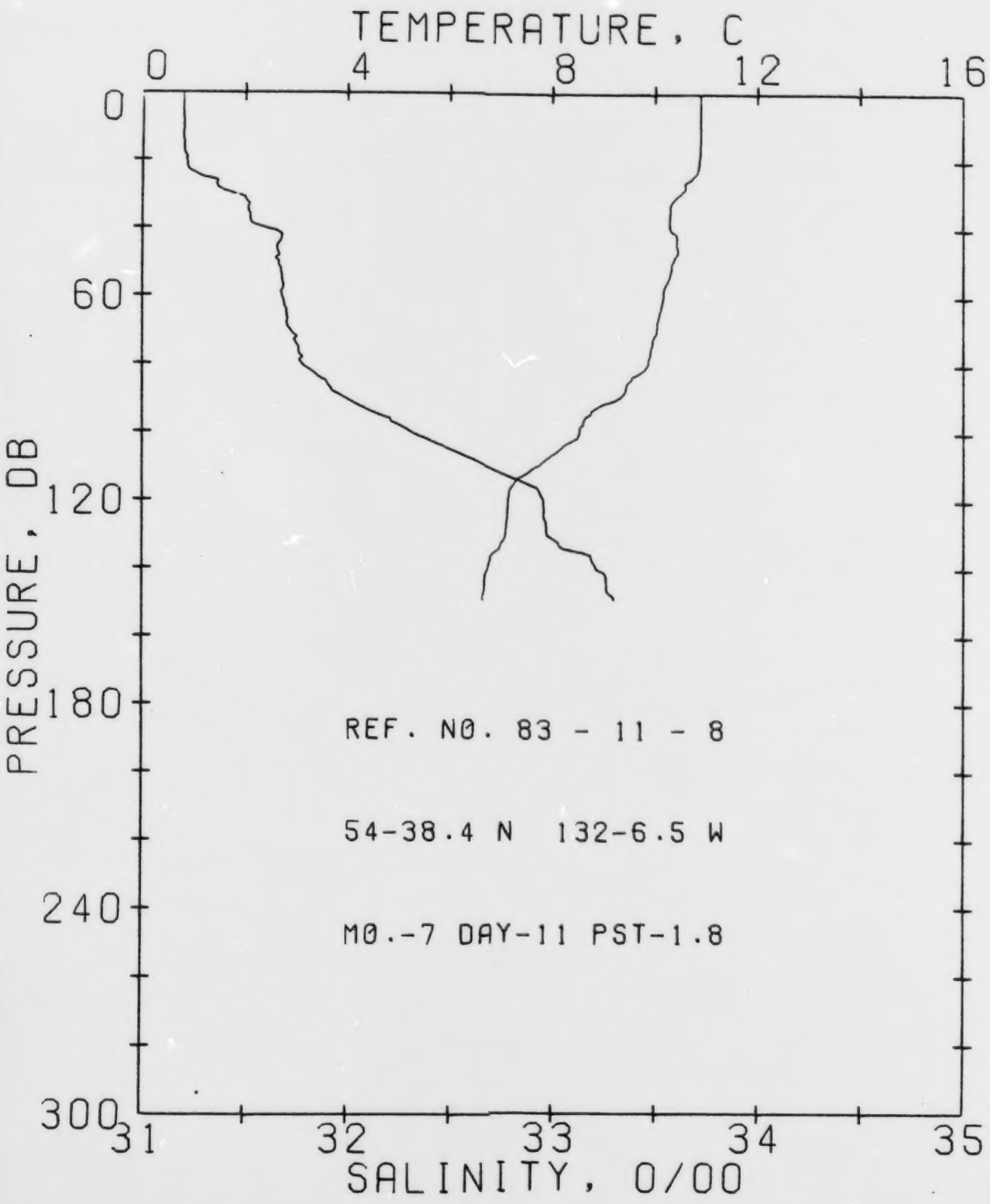
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 7 DATE 11/ 7/83
POSITION 54-34.3N, 132- 6.5W 1.1 STATION Q56
RESULTS OF STP CAST 165 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.41	30.90	0	23.36	452.6	.00	.00	1494.
10	12.23	31.07	10	23.53	437.2	.45	.02	1493.
20	11.30	31.46	20	24.00	392.5	.86	.09	1491.
30	10.51	31.65	30	24.28	365.7	1.24	.18	1488.
50	9.48	32.04	50	24.75	321.2	1.92	.46	1485.
75	8.68	32.27	75	25.05	292.8	2.69	.95	1483.
100	7.93	32.54	99	25.38	262.1	3.39	1.57	1481.
125	7.51	32.74	124	25.60	241.6	4.02	2.29	1480.
150	6.72	33.26	149	26.11	192.8	4.58	3.07	1478.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REF. NO. 83 - 11 - 8
54-38.4 N 132-6.5 W
MO.-7 DAY-11 PST-1.8
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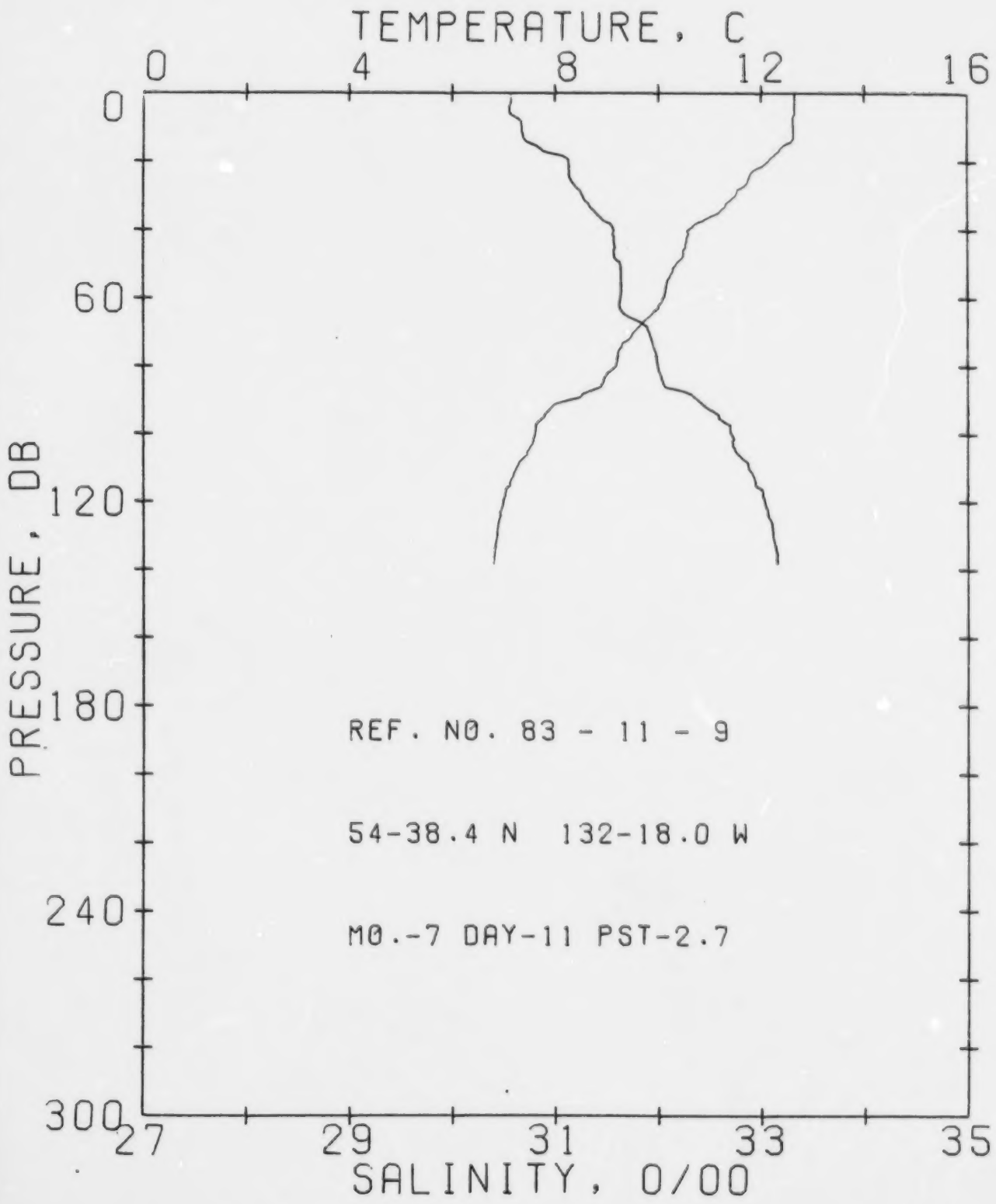
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 8 DATE 11/ 7/83
POSITION 54-38.4N, 132- 6.5W 1.8 STATION Q55
RESULTS OF STP CAST 150 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	10.88	31.20	0	23.87	404.6	.00	.00	1489.
10	10.88	31.20	10	23.87	404.8	.40	.02	1489.
20	10.86	31.22	20	23.88	403.4	.81	.08	1489.
30	10.43	31.45	30	24.14	379.4	1.20	.18	1488.
50	10.31	31.67	50	24.33	361.6	1.94	.48	1488.
75	9.90	31.76	75	24.47	348.7	2.83	1.05	1487.
100	8.51	32.31	99	25.12	287.2	3.64	1.77	1483.
125	7.11	32.96	124	25.82	220.2	4.25	2.46	1479.
150	6.61	33.31	149	26.16	188.5	4.76	3.17	1478.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MO.-7 DAY-11 PST-2.7
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31
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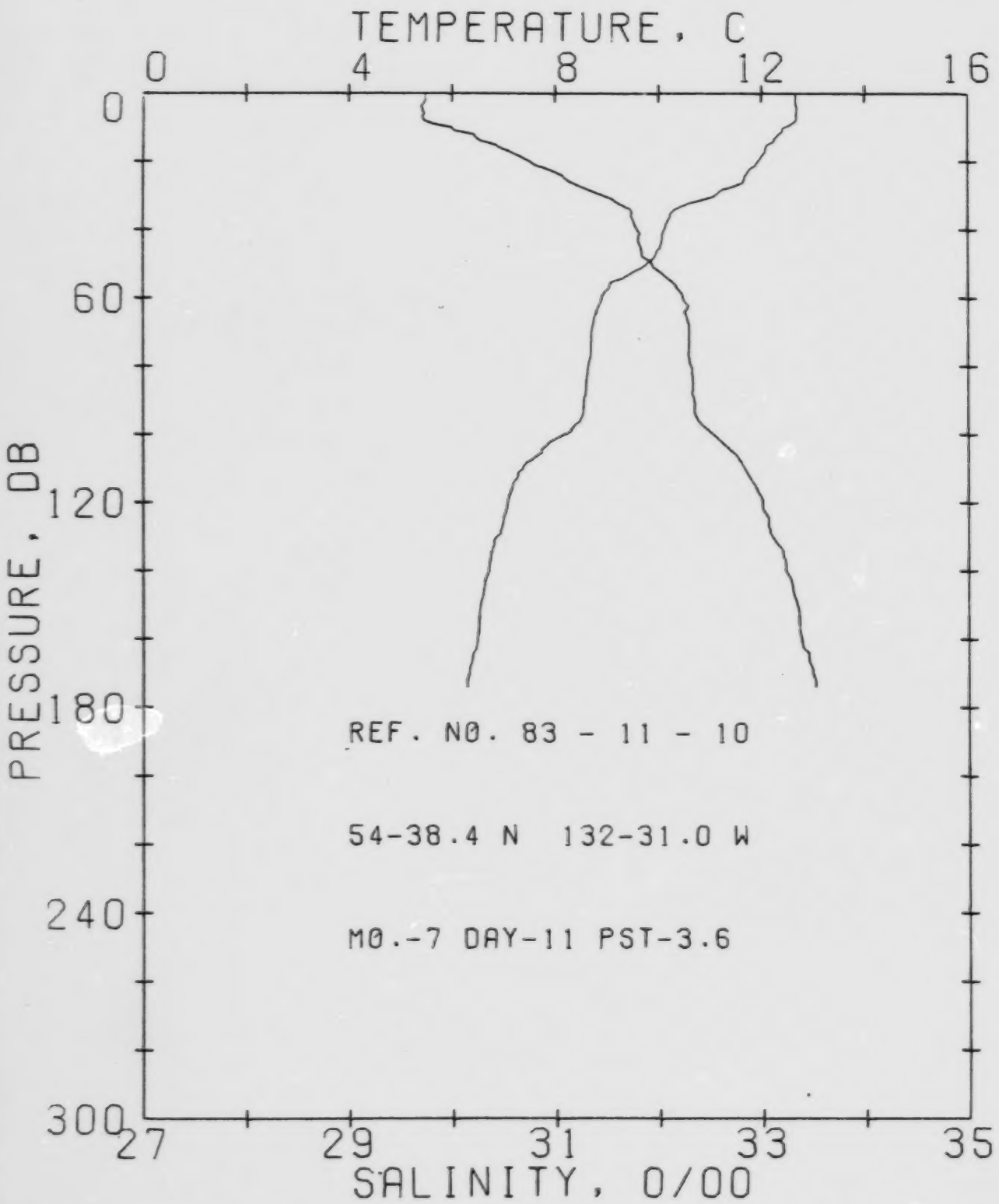
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 9 DATE 11/ 7/83
POSITION 54-38.4N, 132-18.0W 2.7 STATICN Q54
RESULTS OF STP CAST 139 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.65	30.59	0	23.07	480.3	.00	.00	1494.
10	12.62	30.69	10	23.16	472.2	.48	.02	1494.
20	12.13	31.14	20	23.60	430.4	.94	.09	1493.
30	11.49	31.28	30	23.82	409.3	1.36	.20	1492.
50	10.35	31.65	50	24.31	363.5	2.12	.51	1488.
75	9.24	31.98	75	24.74	322.4	2.99	1.06	1485.
100	7.61	32.72	99	25.57	244.1	3.71	1.70	1480.
125	6.92	33.10	124	25.95	207.6	4.27	2.34	1478.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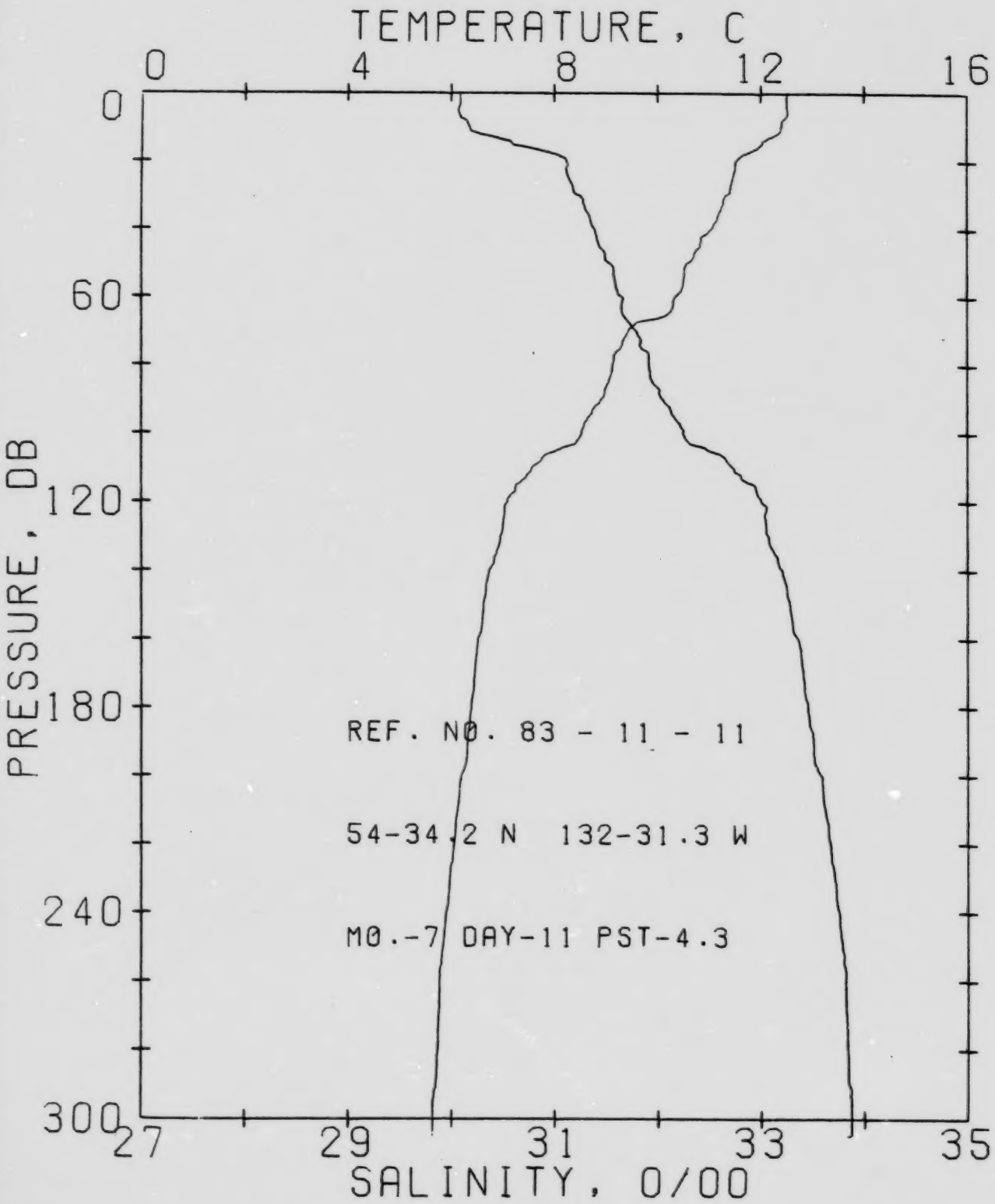
SALINITY, O/OO

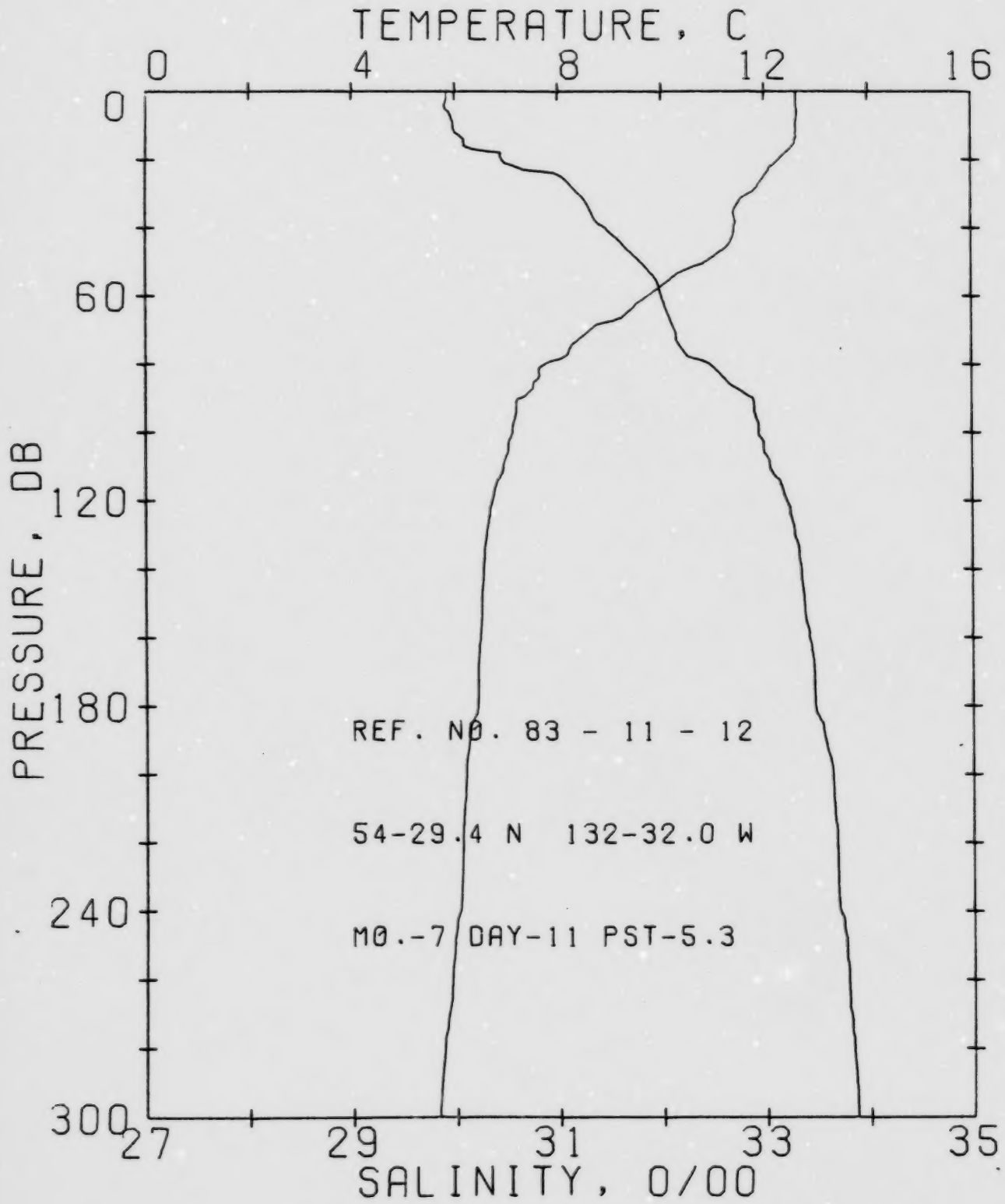
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 10 DATE 11/ 7/83
POSITION 54-38.4N, 132-31.0W 3.6 STATION Q53
RESULTS OF STP CAST 175 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.66	29.75	0	22.43	542.0	.00	.00	1493.
10	12.43	30.01	10	22.67	519.1	.54	.03	1493.
20	11.93	30.77	20	23.35	454.7	1.03	.10	1492.
30	11.08	31.48	30	24.05	388.0	1.45	.21	1490.
50	9.76	31.94	50	24.63	332.7	2.15	.49	1486.
75	8.68	32.29	75	25.08	290.7	2.90	.97	1483.
100	8.13	32.54	99	25.35	265.3	3.62	1.60	1482.
125	6.98	33.07	124	25.93	210.1	4.19	2.26	1478.
150	6.53	33.35	149	26.20	184.1	4.68	2.95	1477.
175	6.27	33.53	174	26.38	167.5	5.12	3.67	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 11
54-34.2 N 132-31.3 W
MO.-7 DAY-11 PST-4.3
27
29
31
33
35
SALINITY, O/OO

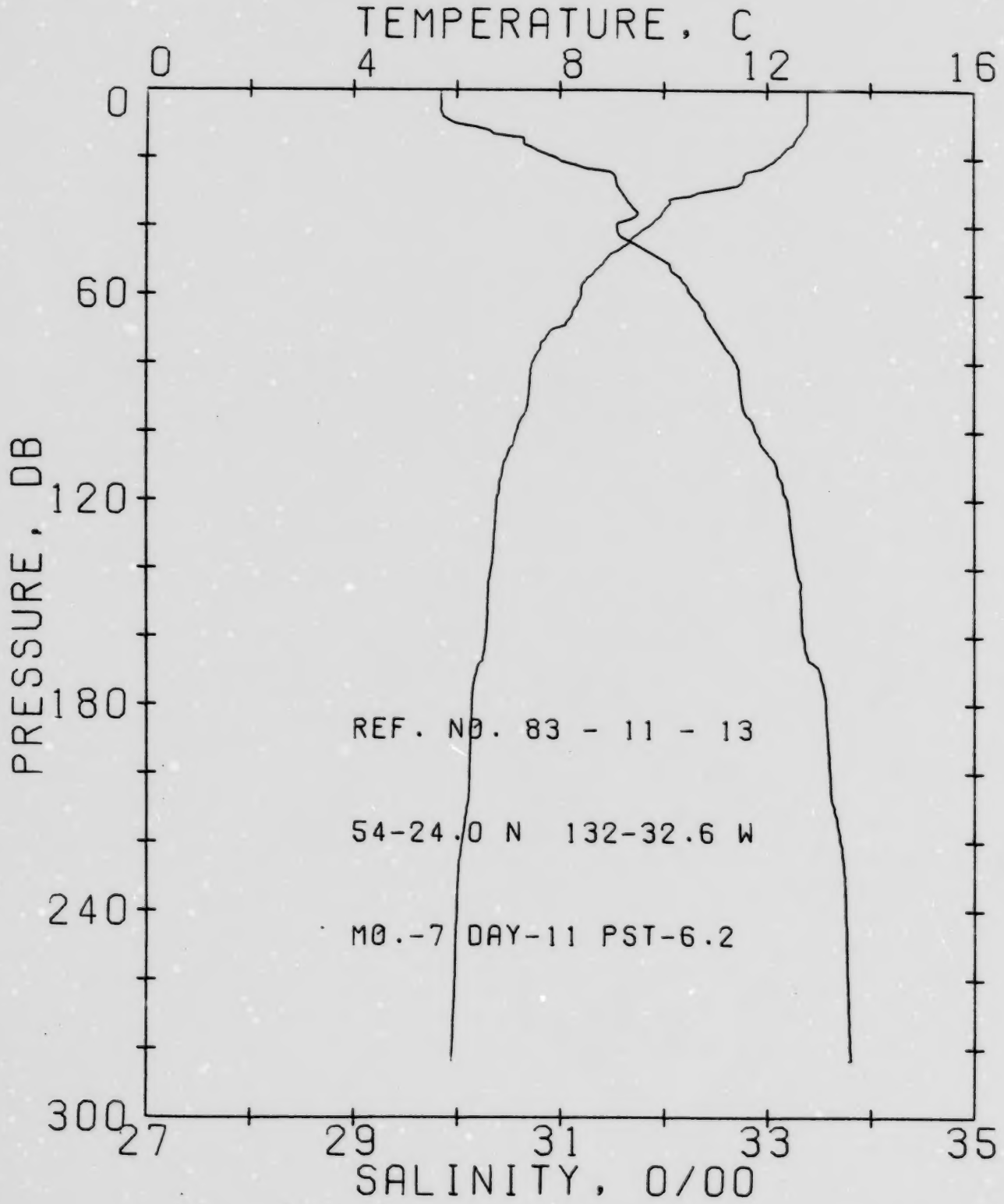
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 11 DATE 11/ 7/83
POSITION 54-34.2N, 132-31.3W 4.3 STATION Q46
RESULTS OF STP CAST 305 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.50	30.10	0	22.73	513.4	.00	.00	1493.
10	12.40	30.20	10	22.82	504.9	.51	.03	1493.
20	11.51	31.14	20	23.71	420.0	.97	.10	1491.
30	11.31	31.27	30	23.84	407.4	1.39	.20	1491.
50	10.55	31.56	50	24.20	373.6	2.18	.52	1489.
75	9.27	31.85	75	24.64	332.4	3.07	1.09	1485.
100	8.52	32.25	99	25.07	292.0	3.85	1.78	1483.
125	7.00	33.05	124	25.91	212.1	4.45	2.47	1479.
150	6.61	33.29	149	26.15	189.4	4.95	3.17	1478.
175	6.42	33.43	174	26.28	176.8	5.41	3.92	1478.
200	6.18	33.61	199	26.46	160.9	5.84	4.74	1477.
225	6.01	33.69	224	26.54	152.9	6.23	5.59	1477.
250	5.82	33.79	248	26.65	143.4	6.60	6.48	1477.
300	5.64	33.88	298	26.74	135.2	7.29	8.42	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 12
54-29.4 N 132-32.0 W
MO.-7 DAY-11 PST-5.3
27
29
31
33
35
SALINITY, O/OO

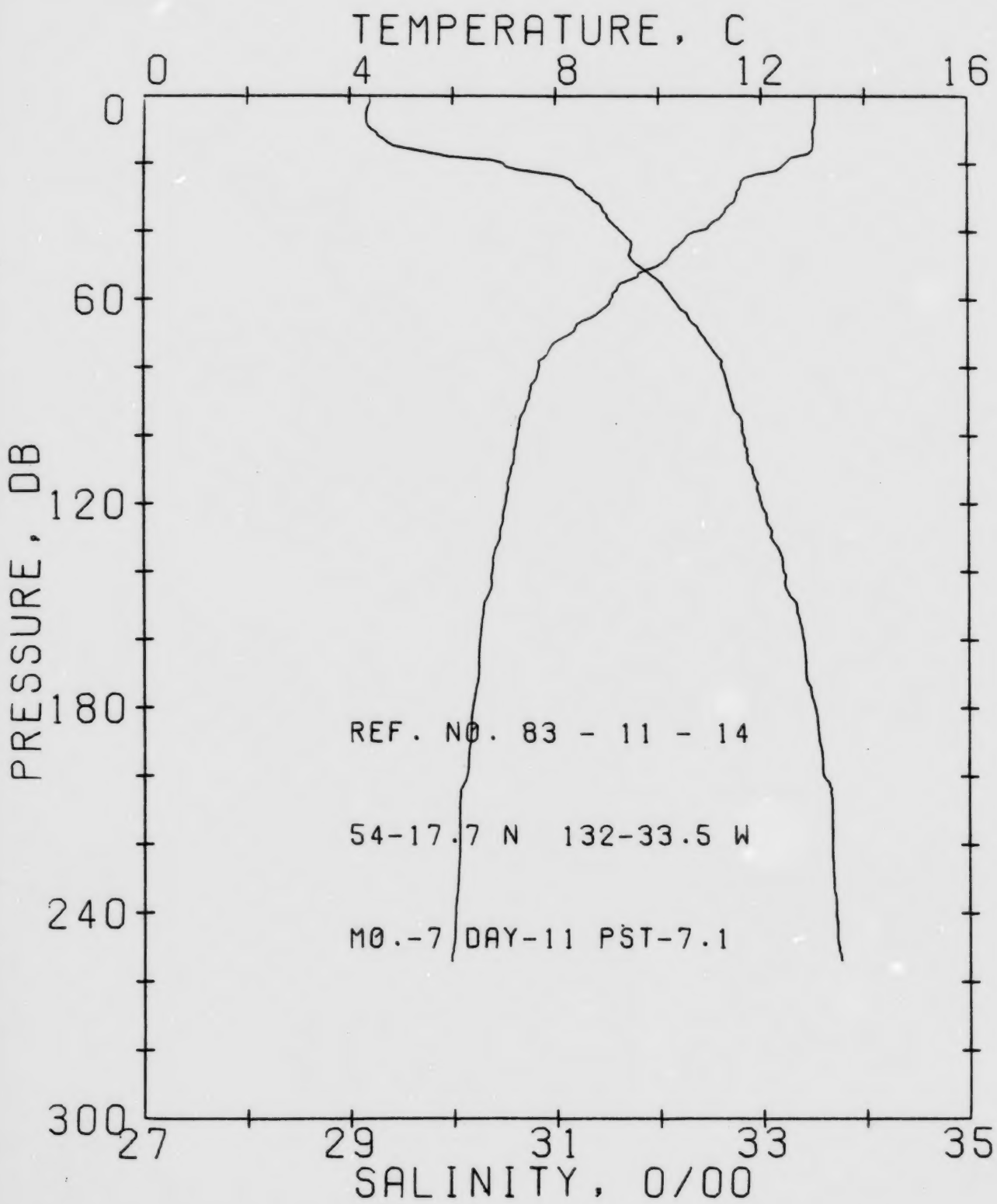
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 12 DATE 11/ 7/83
POSITION 54-29.4N, 132-32.0W 5.3 STATION Q47
RESULTS OF STP CAST 374 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.62	29.93	0	22.58	528.0	.00	.00	1493.
10	12.61	30.00	10	22.63	523.3	.53	.03	1493.
20	12.28	30.47	20	23.05	482.6	1.04	.10	1493.
30	11.67	31.21	30	23.74	417.6	1.48	.22	1492.
50	10.83	31.80	50	24.34	360.1	2.27	.53	1490.
75	8.23	32.19	75	25.06	292.1	3.07	1.04	1481.
100	7.11	32.94	99	25.81	221.4	3.68	1.59	1478.
125	6.65	33.27	124	26.12	191.5	4.20	2.17	1477.
150	6.51	33.38	149	26.23	181.4	4.66	2.82	1477.
175	6.42	33.48	174	26.32	173.6	5.10	3.55	1478.
200	6.18	33.65	199	26.49	158.1	5.52	4.35	1477.
225	6.10	33.69	223	26.53	154.0	5.91	5.19	1477.
250	5.94	33.77	248	26.61	146.4	6.29	6.11	1477.
300	5.64	33.88	298	26.73	135.6	6.99	8.08	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 13
54-24.0 N 132-32.6 W
MO.-7 DAY-11 PST-6.2
27
29
31
33
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 13 DATE 11/ 7/83
POSITION 54-24.0N, 132-32.6W 6.2 STATION Q48
RESULTS OF STP CAST 284 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.79	29.86	0	22.48	536.7	.00	.00	1494.
10	12.79	30.01	10	22.60	525.7	.54	.03	1494.
20	12.20	30.98	20	23.46	443.9	1.01	.10	1493.
30	10.68	31.60	30	24.21	372.0	1.42	.20	1489.
50	8.88	32.01	50	24.83	314.1	2.11	.48	1483.
75	7.63	32.60	75	25.47	253.4	2.82	.93	1480.
100	7.16	32.90	99	25.77	225.1	3.42	1.46	1479.
125	6.74	33.23	124	26.08	195.6	3.93	2.05	1478.
150	6.59	33.33	149	26.19	185.9	4.41	2.72	1478.
175	6.30	33.55	174	26.40	166.3	4.86	3.46	1477.
200	6.22	33.62	199	26.45	161.0	5.27	4.24	1477.
225	6.03	33.74	223	26.58	149.4	5.66	5.09	1477.
250	5.96	33.78	248	26.61	146.4	6.03	5.98	1477.


TEMPERATURE, C
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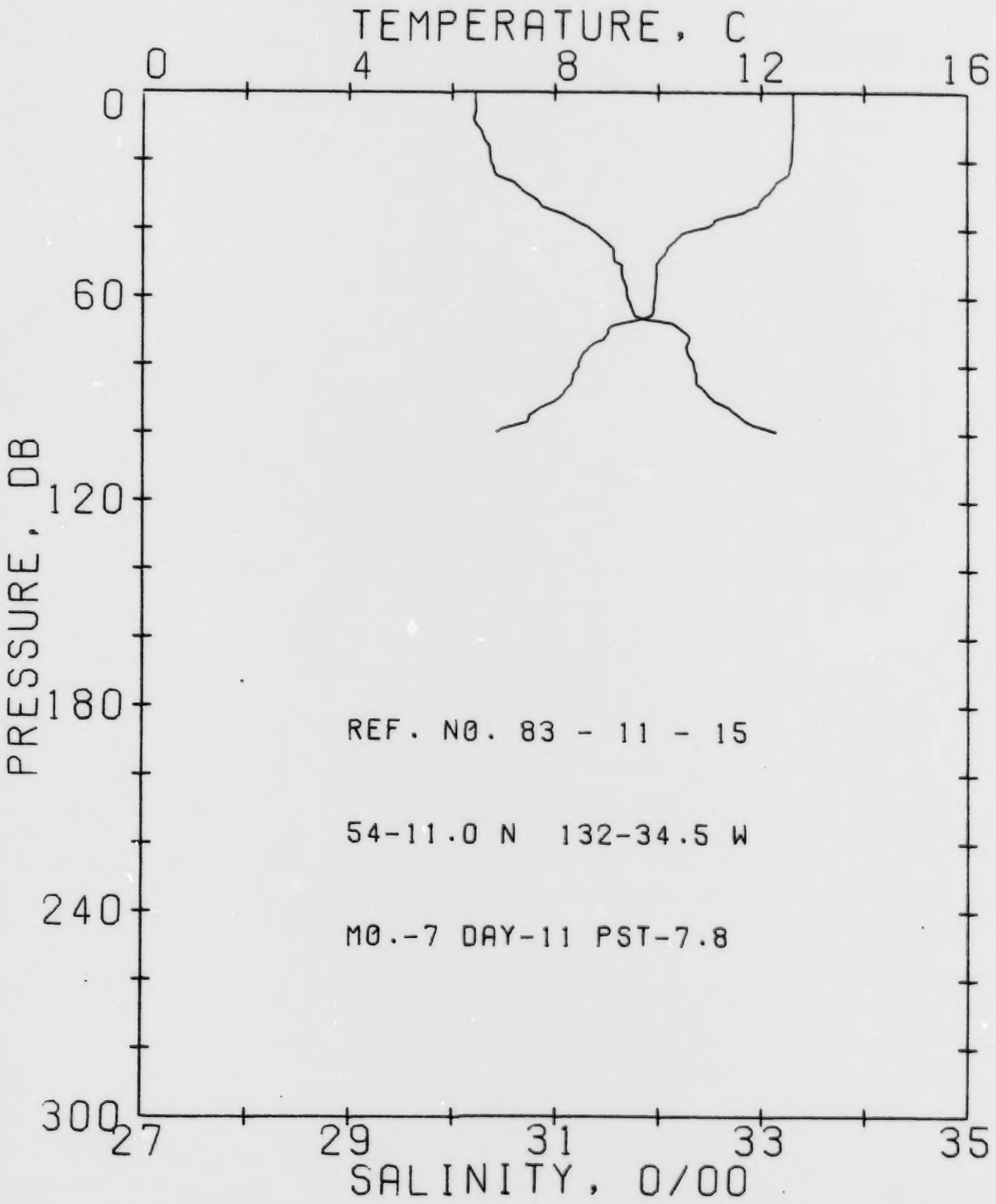
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 14
54-17.7 N 132-33.5 W
MO.-7 DAY-11 PST-7.1
27
29
31
33
35
SALINITY, O/OO

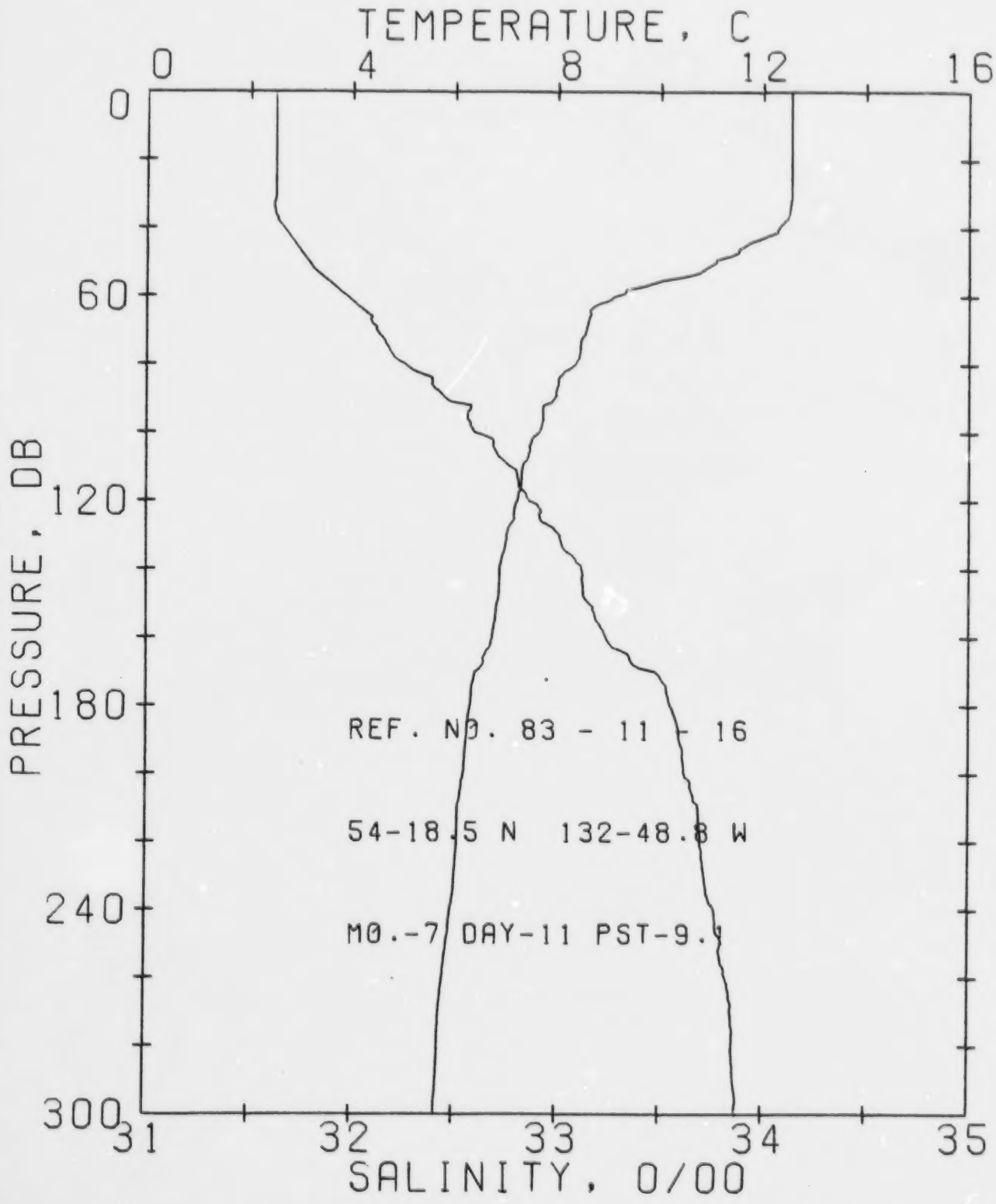
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 14 DATE 11/ 7/83
POSITION 54-17.7N, 132-33.5W 7.1 STATION Q40
RESULTS OF STP CAST 255 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.06	29.21	0	21.93	589.5	.00	.00	1494.
10	13.00	29.22	10	21.95	587.6	.59	.03	1494.
20	12.47	30.51	20	23.05	483.5	1.15	.11	1494.
30	11.51	31.36	30	23.88	403.8	1.58	.22	1492.
50	9.98	31.81	50	24.49	346.1	2.33	.53	1487.
75	7.87	32.54	75	25.38	261.2	3.07	1.00	1480.
100	7.25	32.83	99	25.70	231.6	3.68	1.54	1479.
125	6.97	33.04	124	25.91	212.3	4.24	2.18	1478.
150	6.59	33.34	149	26.19	185.9	4.74	2.87	1478.
175	6.42	33.47	174	26.31	174.0	5.19	3.62	1478.
200	6.25	33.59	199	26.43	163.1	5.61	4.42	1477.
225	6.09	33.68	223	26.52	154.7	6.00	5.26	1477.
250	5.98	33.74	248	26.59	149.1	6.38	6.18	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 15
54-11.0 N 132-34.5 W
MO.-7 DAY-11 PST-7.8
27
29
31
33
35
SALINITY, O/OO

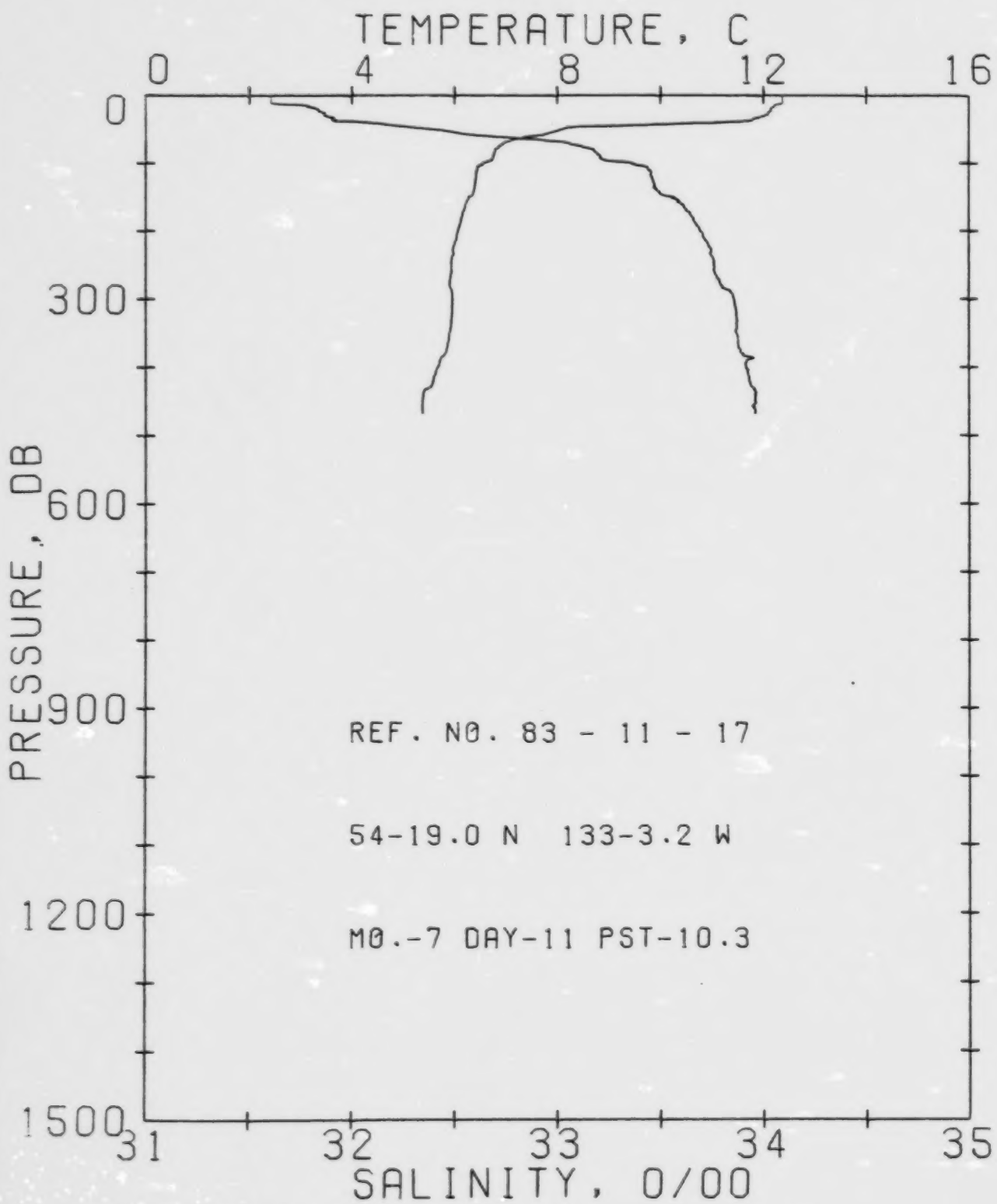
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 15 DATE 11/ 7/83
POSITION 54-11.0N, 132-34.5W 7.8 STATION Q63
RESULTS OF STP CAST 100 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.63	30.24	0	22.81	505.2	.00	.00	1494.
10	12.63	30.28	10	22.84	502.7	.51	.03	1494.
20	12.60	30.39	20	22.93	494.2	1.00	.10	1494.
30	12.09	30.79	30	23.34	455.8	1.48	.22	1493.
50	9.96	31.67	50	24.38	356.3	2.28	.54	1487.
75	8.64	32.29	75	25.07	290.7	3.11	1.07	1483.
100	6.77	33.25	99	26.10	193.6	3.72	1.59	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 16
54-18.5 N 132-48.8 W
MO.-7 DAY-11 PST-9.
31
32
33
34
35
SALINITY, O/OO

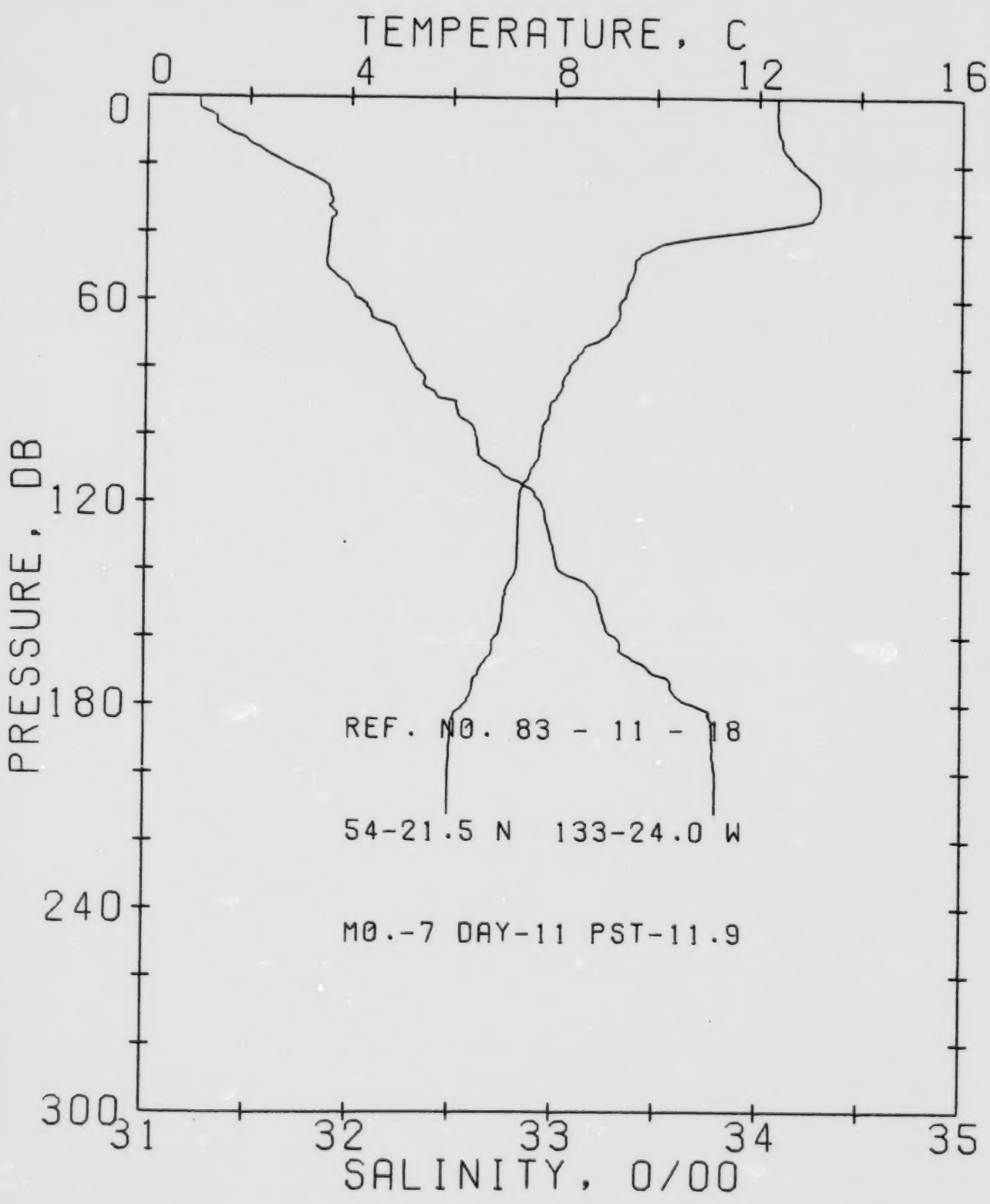
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 16 DATE 11/ 7/83
POSITION 54-18.5N, 132-48.8W 9.1 STATION Q27
RESULTS OF STP CAST 352 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.55	31.63	0	23.89	402.0	.00	.00	1495.
10	12.55	31.63	10	23.89	402.2	.40	.02	1495.
20	12.55	31.63	20	23.89	402.5	.80	.08	1495.
30	12.55	31.63	30	23.89	402.7	1.21	.18	1496.
50	11.08	31.79	50	24.29	365.4	1.99	.50	1491.
75	8.44	32.18	75	25.02	295.9	2.79	1.01	1482.
100	7.65	32.60	99	25.46	254.0	3.47	1.61	1480.
125	7.17	32.91	124	25.78	224.5	4.06	2.29	1479.
150	6.84	33.16	149	26.01	202.4	4.59	3.02	1478.
175	6.34	33.53	174	26.37	168.3	5.06	3.80	1477.
200	6.19	33.62	199	26.46	160.2	5.47	4.58	1477.
225	6.04	33.71	223	26.55	152.3	5.85	5.42	1477.
250	5.87	33.80	248	26.65	143.3	6.22	6.31	1477.
300	5.66	33.87	298	26.73	136.0	6.92	8.26	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 17
54-19.0 N 133-3.2 W
MO.-7 DAY-11 PST-10.3
31
32
33
34
35
SALINITY, O/OO

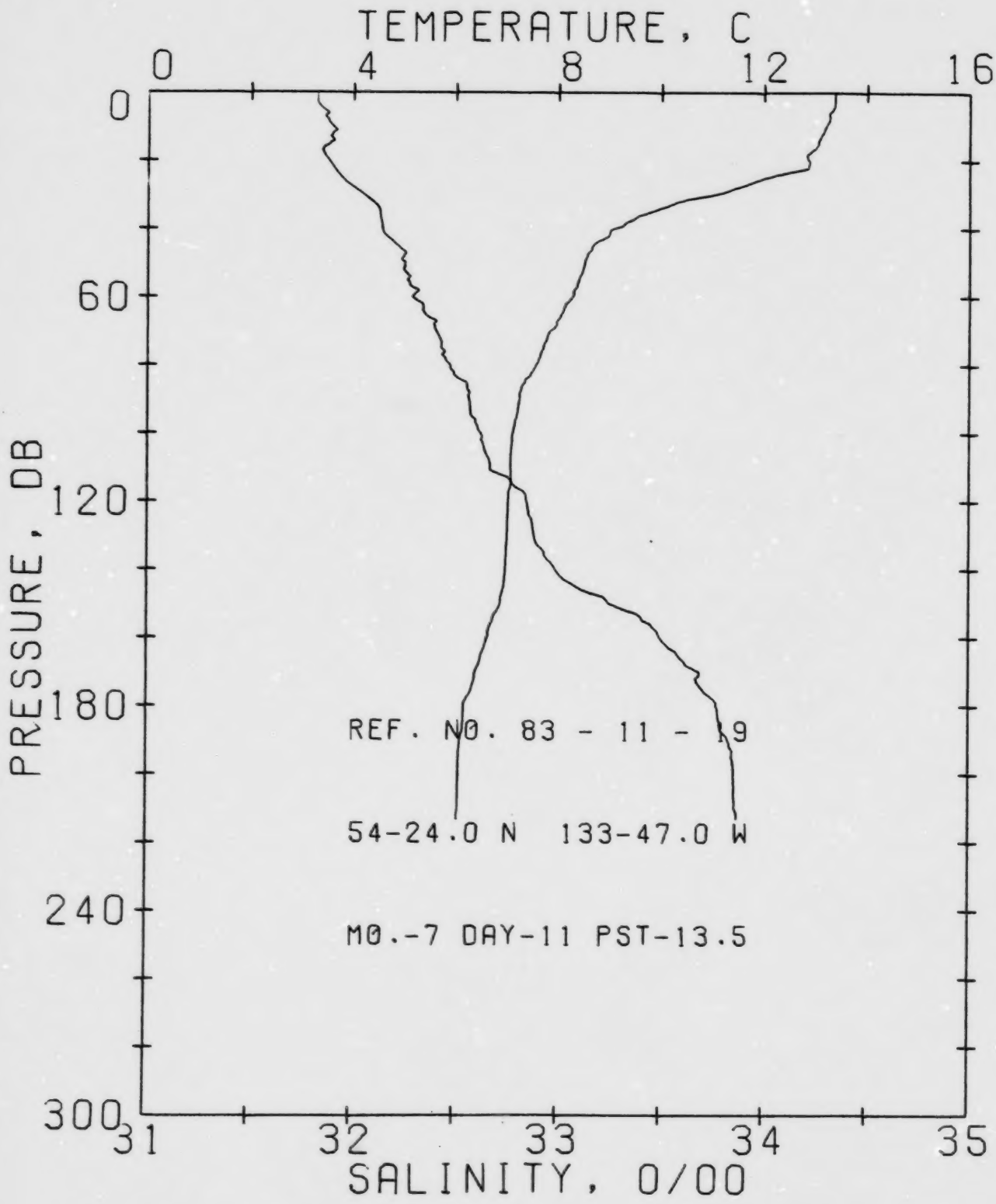
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 17 DATE 11/ 7/83
POSITION 54-19.0N, 133- 3.2W 10.3 STATION Q28
RESULTS OF STP CAST 469 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.38	31.61	0	23.91	400.3	.00	.00	1495.
10	12.38	31.61	10	23.91	400.5	.40	.02	1495.
20	12.14	31.84	20	24.13	379.7	.79	.08	1494.
30	12.03	31.87	30	24.18	375.2	1.17	.18	1494.
50	8.10	32.40	50	25.24	274.6	1.84	.45	1481.
75	6.87	33.12	75	25.98	204.2	2.43	.82	1477.
100	6.55	33.36	99	26.22	182.5	2.92	1.26	1477.
125	6.41	33.46	124	26.31	173.9	3.36	1.76	1477.
150	6.29	33.55	149	26.40	166.0	3.79	2.36	1477.
175	6.16	33.64	174	26.49	157.8	4.19	3.03	1477.
200	6.06	33.70	199	26.54	152.9	4.58	3.77	1477.
225	5.98	33.75	223	26.59	148.5	4.96	4.59	1477.
250	5.94	33.76	248	26.60	147.3	5.33	5.48	1477.
300	5.97	33.86	298	26.68	141.1	6.05	7.51	1478.
400	5.68	33.92	397	26.76	133.9	7.44	12.45	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 18
54-21.5 N 133-24.0 W
MO.-7 DAY-11 PST-11.9
31
32
33
34
35
SALINITY, O/OO

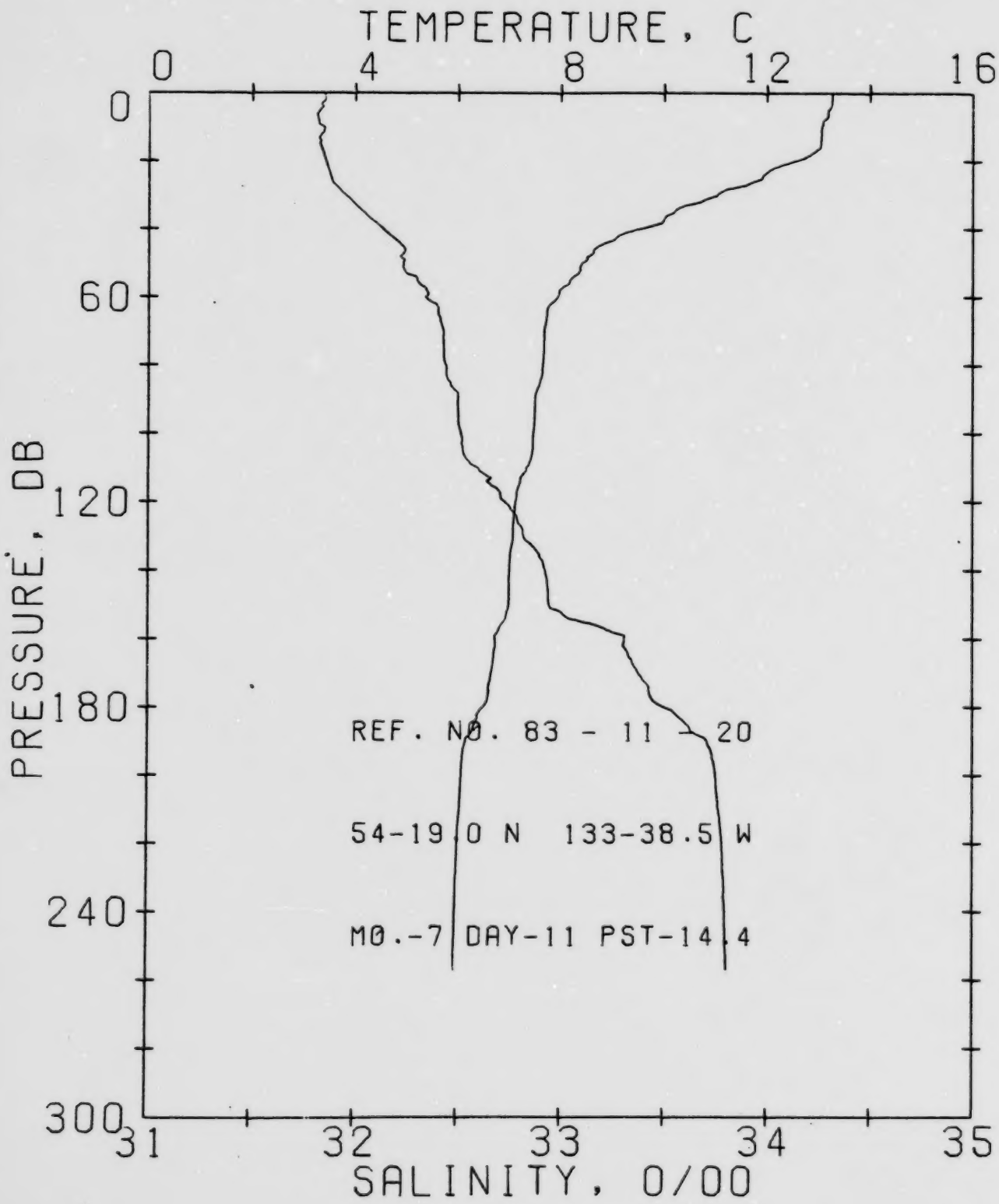
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 18 DATE 11/ 7/83
POSITION 54-21.5N, 133-24.0W 11.9 STATION Q64
RESULTS OF STP CAST 213 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.37	31.26	0	23.64	425.9	.00	.00	1494.
10	12.38	31.40	10	23.75	416.1	.42	.02	1494.
20	12.75	31.70	20	23.91	400.9	.83	.08	1496.
30	13.21	31.91	30	23.99	394.0	1.23	.18	1498.
50	9.58	31.88	50	24.61	334.2	1.95	.48	1486.
75	8.56	32.28	75	25.08	290.3	2.74	.98	1483.
100	7.76	32.62	99	25.46	254.1	3.42	1.58	1481.
125	7.32	32.96	124	25.79	222.9	4.01	2.26	1480.
150	7.03	33.23	149	26.04	199.8	4.55	3.01	1479.
175	6.43	33.58	174	26.40	166.2	5.02	3.78	1478.
200	5.96	33.80	199	26.63	144.1	5.39	4.49	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 19
54-24.0 N 133-47.0 W
MO.-7 DAY-11 PST-13.5
31
32
33
34
35
SALINITY, O/OO

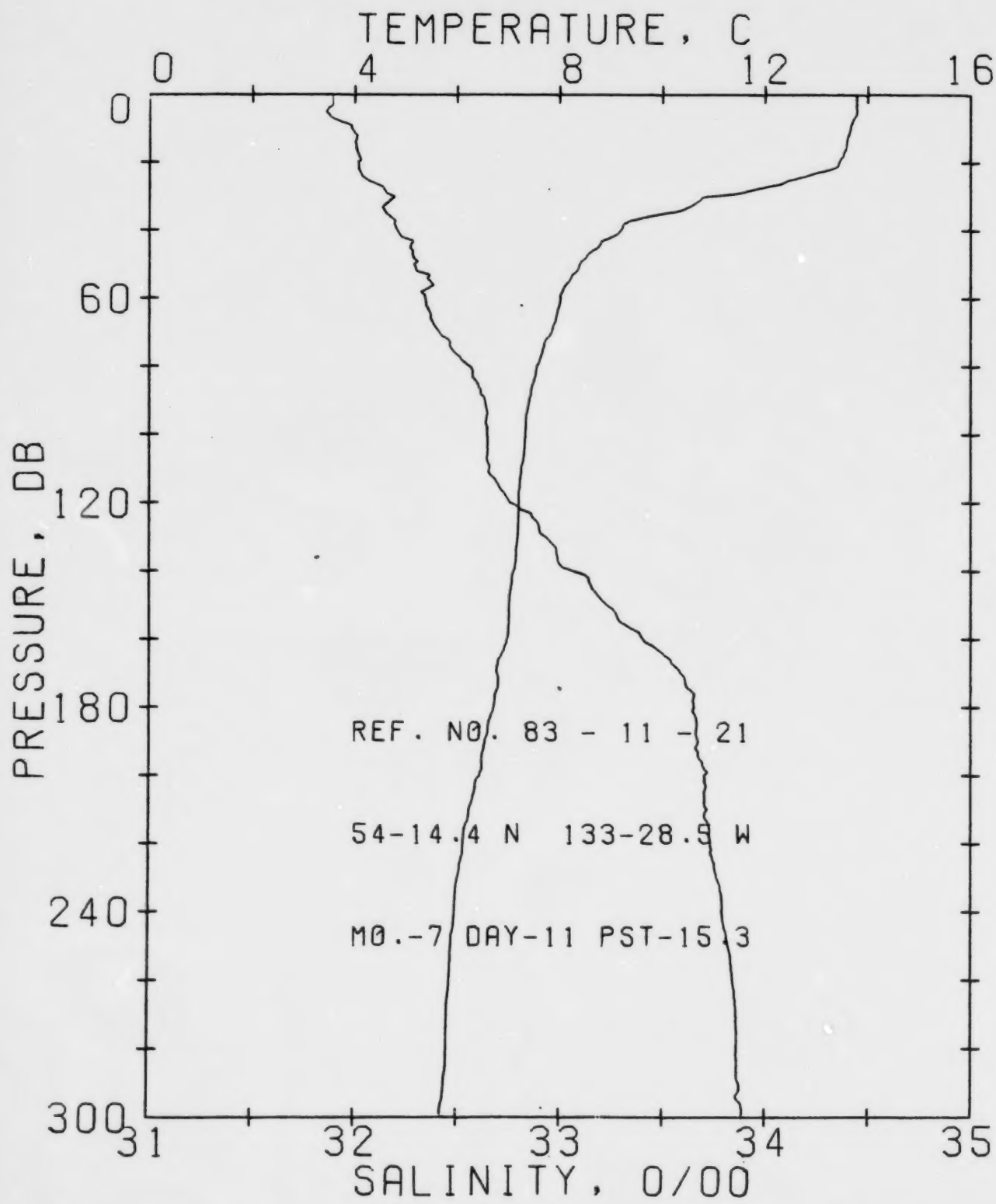
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 19 DATE 11/ 7/83
POSITION 54-24.0N, 133-47.0W 13.5 STATION Q34
RESULTS OF STP CAST 214 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.38	31.82	0	23.89	402.9	.00	.00	1498.
10	13.19	31.90	10	23.98	394.0	.40	.02	1498.
20	12.90	31.88	20	24.02	390.0	.79	.08	1497.
30	10.97	32.06	30	24.51	343.5	1.16	.17	1491.
50	8.52	32.25	50	25.07	291.0	1.78	.42	1482.
75	7.72	32.43	75	25.32	267.2	2.48	.87	1480.
100	7.12	32.62	99	25.56	245.0	3.11	1.43	1478.
125	7.03	32.87	124	25.77	225.5	3.70	2.11	1478.
150	6.90	33.25	149	26.08	195.9	4.25	2.86	1479.
175	6.34	33.71	174	26.51	155.1	4.67	3.57	1478.
200	6.08	33.86	199	26.66	141.2	5.04	4.26	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 20
54-19.0 N 133-38.5 W
MO.-7 DAY-11 PST-14.4
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 20 DATE 11/ 7/83
POSITION 54-19.0N, 133-38.5W 14.4 STATION Q33
RESULTS OF STP CAST 258 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.27	31.86	0	23.93	398.4	.00	.00	1498.
10	13.06	31.85	10	23.97	394.9	.40	.02	1497.
20	12.51	31.86	20	24.08	384.5	.79	.08	1496.
30	11.04	31.96	30	24.43	351.8	1.16	.17	1491.
50	8.42	32.24	50	25.07	290.9	1.79	.43	1482.
75	7.69	32.44	75	25.33	266.3	2.48	.86	1480.
100	7.49	32.52	99	25.43	257.6	3.13	1.45	1479.
125	7.11	32.80	124	25.69	232.4	3.75	2.15	1479.
150	7.01	32.95	149	25.83	220.1	4.31	2.94	1479.
175	6.62	33.43	174	26.26	179.5	4.79	3.74	1478.
200	6.09	33.75	199	26.58	149.1	5.19	4.50	1477.
225	6.00	33.79	223	26.62	145.7	5.56	5.30	1477.
250	5.95	33.80	248	26.63	144.5	5.93	6.17	1477.


TEMPERATURE, C
0
4
8
12
16
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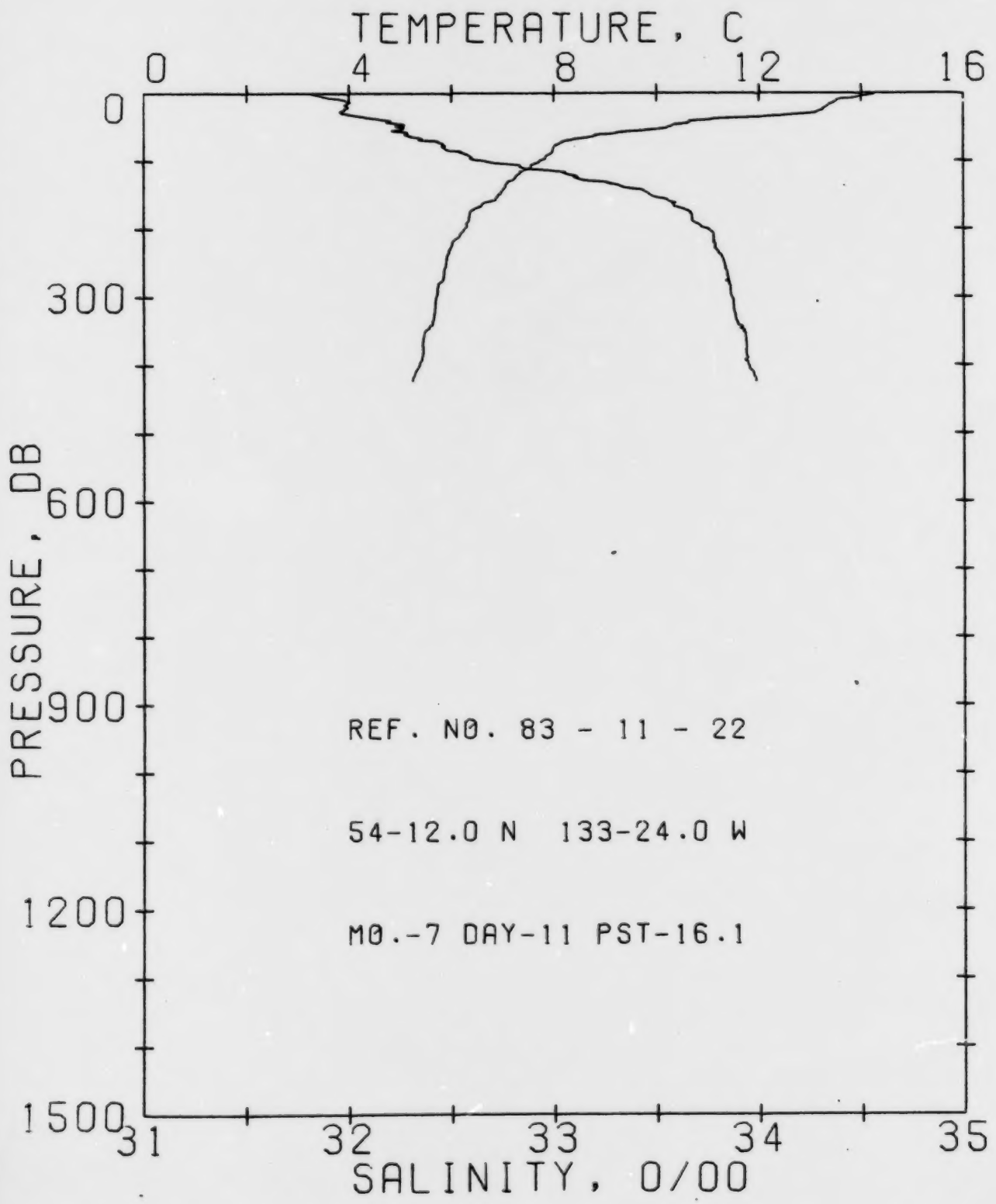
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 21
54-14.4 N 133-28.9 W
MO.-7 DAY-11 PST-15.3
31
32
33
34
35
SALINITY, O/OO

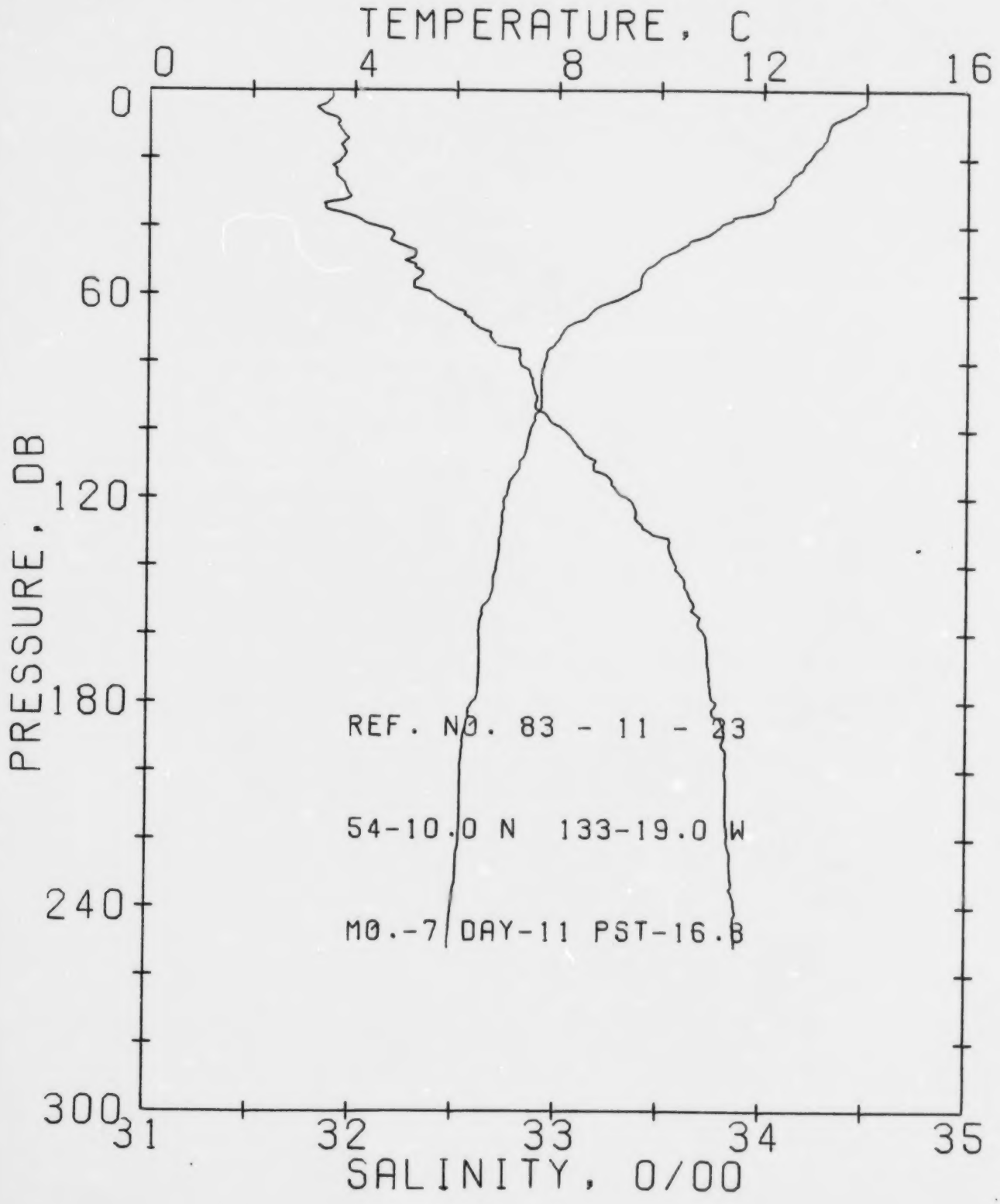
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 21 DATE 11/ 7/83
POSITION 54-14.4N, 133-28.5W 15.3 STATION Q32
RESULTS OF STP CAST 387 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.79	31.89	0	23.86	405.5	.00	.00	1500.
10	13.67	31.99	10	23.95	396.7	.40	.02	1500.
20	13.45	32.02	20	24.02	390.5	.80	.08	1499.
30	10.80	32.20	30	24.65	330.3	1.17	.17	1490.
50	8.40	32.29	50	25.11	286.5	1.78	.42	1482.
75	7.70	32.48	75	25.36	263.3	2.46	.86	1480.
100	7.34	32.65	99	25.55	246.2	3.09	1.42	1479.
125	7.21	32.89	124	25.75	227.0	3.69	2.11	1479.
150	7.02	33.24	149	26.05	198.9	4.23	2.86	1479.
175	6.79	33.64	174	26.40	165.9	4.68	3.60	1479.
200	6.46	33.70	199	26.49	157.5	5.09	4.37	1478.
225	6.09	33.75	223	26.58	149.8	5.47	5.21	1477.
250	5.89	33.82	248	26.66	142.3	5.84	6.09	1477.
300	5.69	33.89	298	26.73	135.5	6.53	8.03	1477.
400	5.35	33.97	397	26.84	126.2	7.84	12.67	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 22
54-12.0 N 133-24.0 W
MO.-7 DAY-11 PST-16.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 22 DATE 11/ 7/83
POSITION 54-12.0N, 133-24.0W 16.1 STATION Q31
RESULTS OF STP CAST 424 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.25	31.82	0	23.71	419.9	.00	.00	1501.
10	13.52	31.99	10	23.98	393.8	.41	.02	1499.
20	13.31	31.99	20	24.03	389.5	.80	.08	1498.
30	12.95	31.98	30	24.09	383.9	1.19	.18	1497.
50	10.21	32.27	50	24.81	315.5	1.87	.45	1488.
75	8.09	32.47	75	25.30	269.4	2.60	.92	1481.
100	7.71	32.68	99	25.52	249.1	3.25	1.50	1480.
125	7.26	33.11	124	25.92	210.8	3.82	2.15	1480.
150	6.92	33.47	149	26.25	180.0	4.30	2.82	1479.
175	6.36	33.67	174	26.48	158.1	4.72	3.52	1478.
200	6.25	33.76	199	26.57	150.3	5.11	4.26	1478.
225	6.00	33.79	223	26.62	145.6	5.48	5.06	1477.
250	5.90	33.83	248	26.67	141.4	5.84	5.93	1477.
300	5.71	33.87	298	26.72	136.9	6.54	7.88	1477.
400	5.37	33.95	397	26.83	127.7	7.86	12.58	1478.


TEMPERATURE, C
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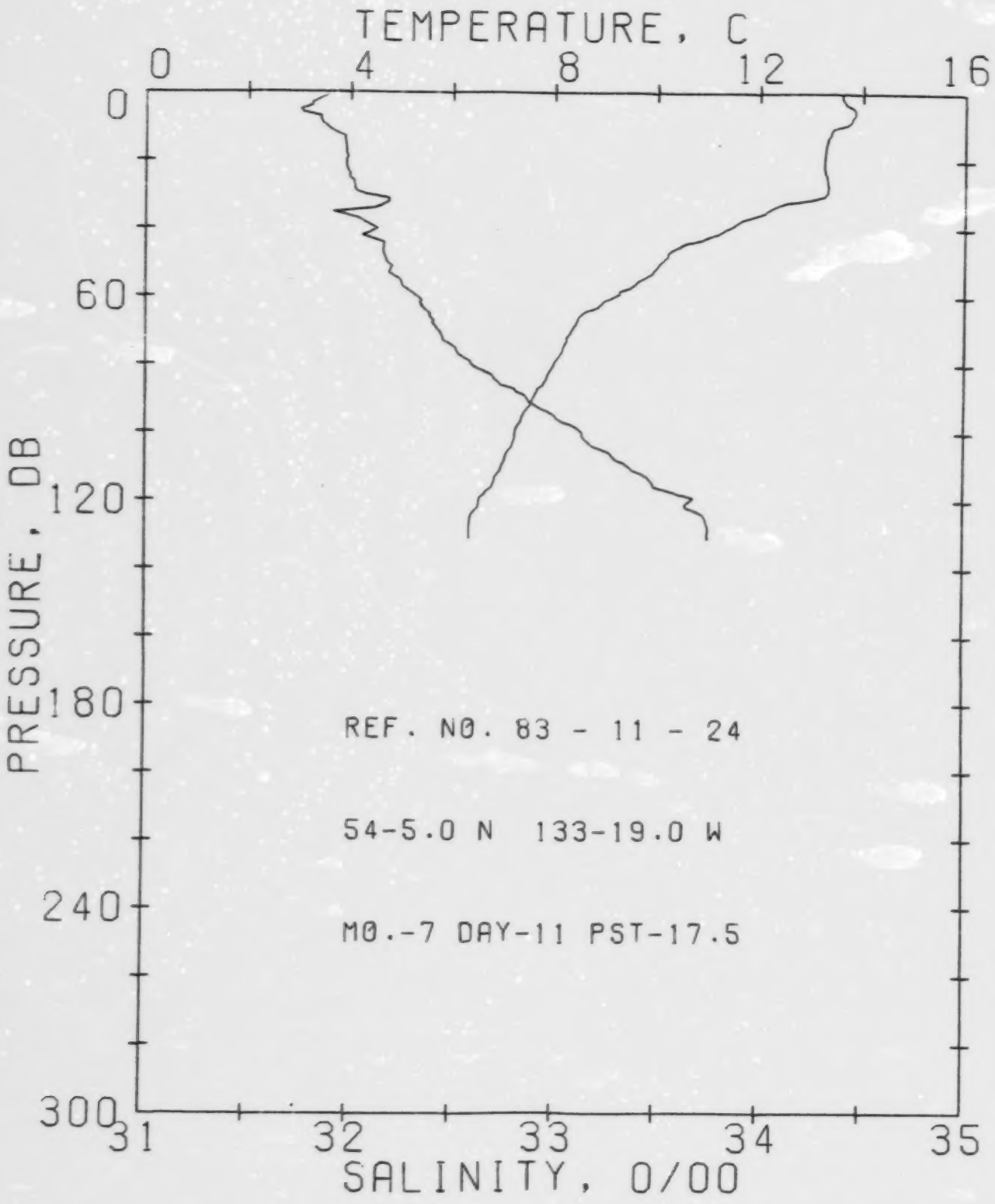
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 23
54-10.0 N 133-19.0 W
MO.-7 DAY-11 PST-16.3
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 23 DATE 11/ 7/83
POSITION 54-10.0N, 133-19.0W 16.8 STATION Q30
RESULTS OF STP CAST 253 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.02	31.89	0	23.81	410.1	.00	.00	1500.
10	13.31	31.92	10	23.97	394.9	.41	.02	1498.
20	12.91	31.94	20	24.07	386.1	.80	.08	1497.
30	12.31	31.97	30	24.21	373.0	1.18	.18	1495.
50	9.96	32.25	50	24.83	313.3	1.87	.46	1488.
75	7.92	32.71	75	25.51	249.3	2.57	.90	1481.
100	7.47	33.04	99	25.83	219.0	3.15	1.42	1480.
125	6.93	33.39	124	26.18	186.1	3.66	1.99	1479.
150	6.69	33.66	149	26.43	163.2	4.09	2.60	1478.
175	6.48	33.75	174	26.53	153.9	4.48	3.25	1478.
200	6.14	33.82	199	26.63	144.5	4.85	3.95	1477.
225	6.07	33.85	223	26.66	141.6	5.21	4.73	1478.
250	5.92	33.88	248	26.70	138.4	5.56	5.58	1477.


TEMPERATURE, C
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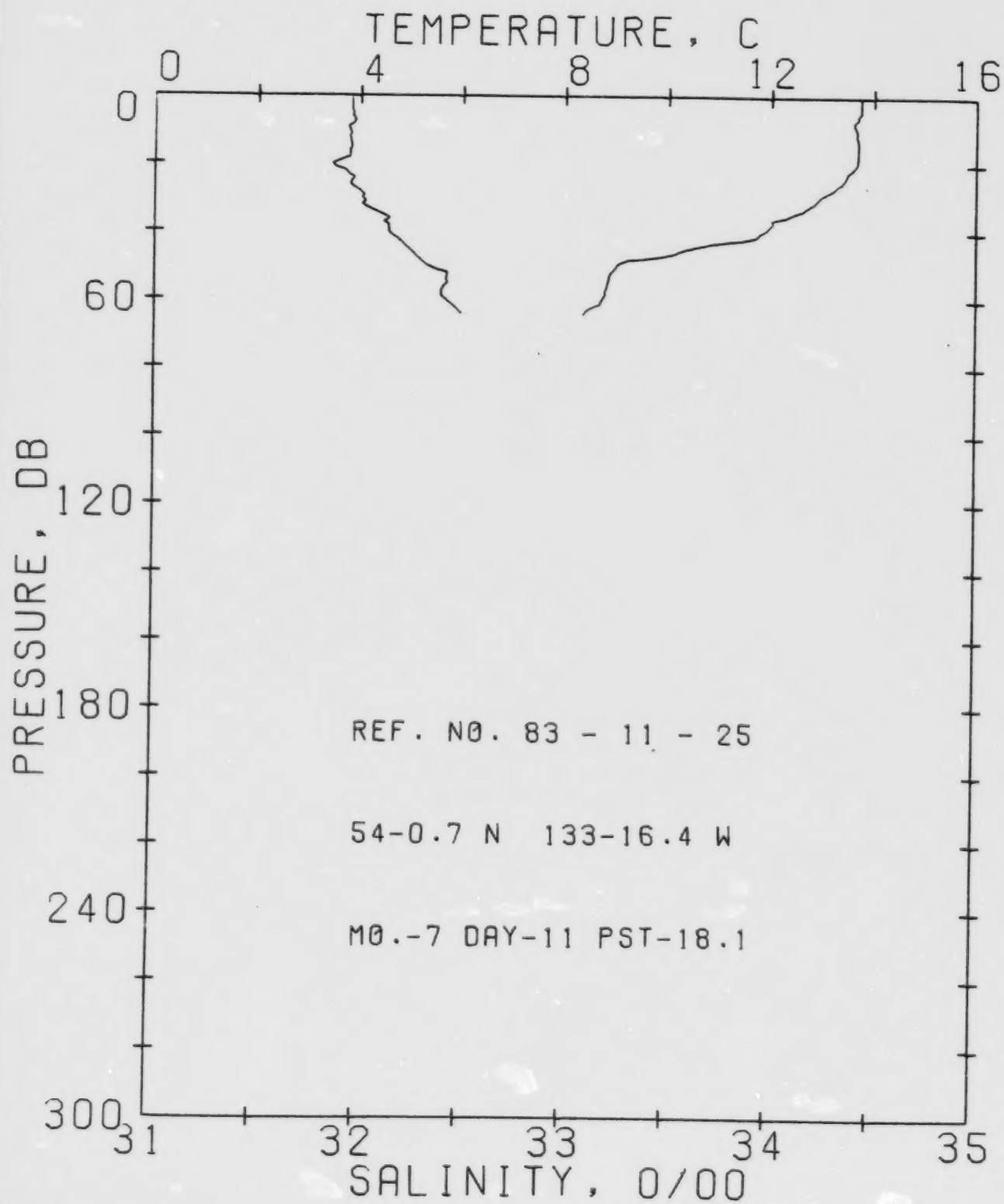
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 24
54-5.0 N 133-19.0 W
MO.-7 DAY-11 PST-17.5
31
32
33
34
35
SALINITY, O/OO

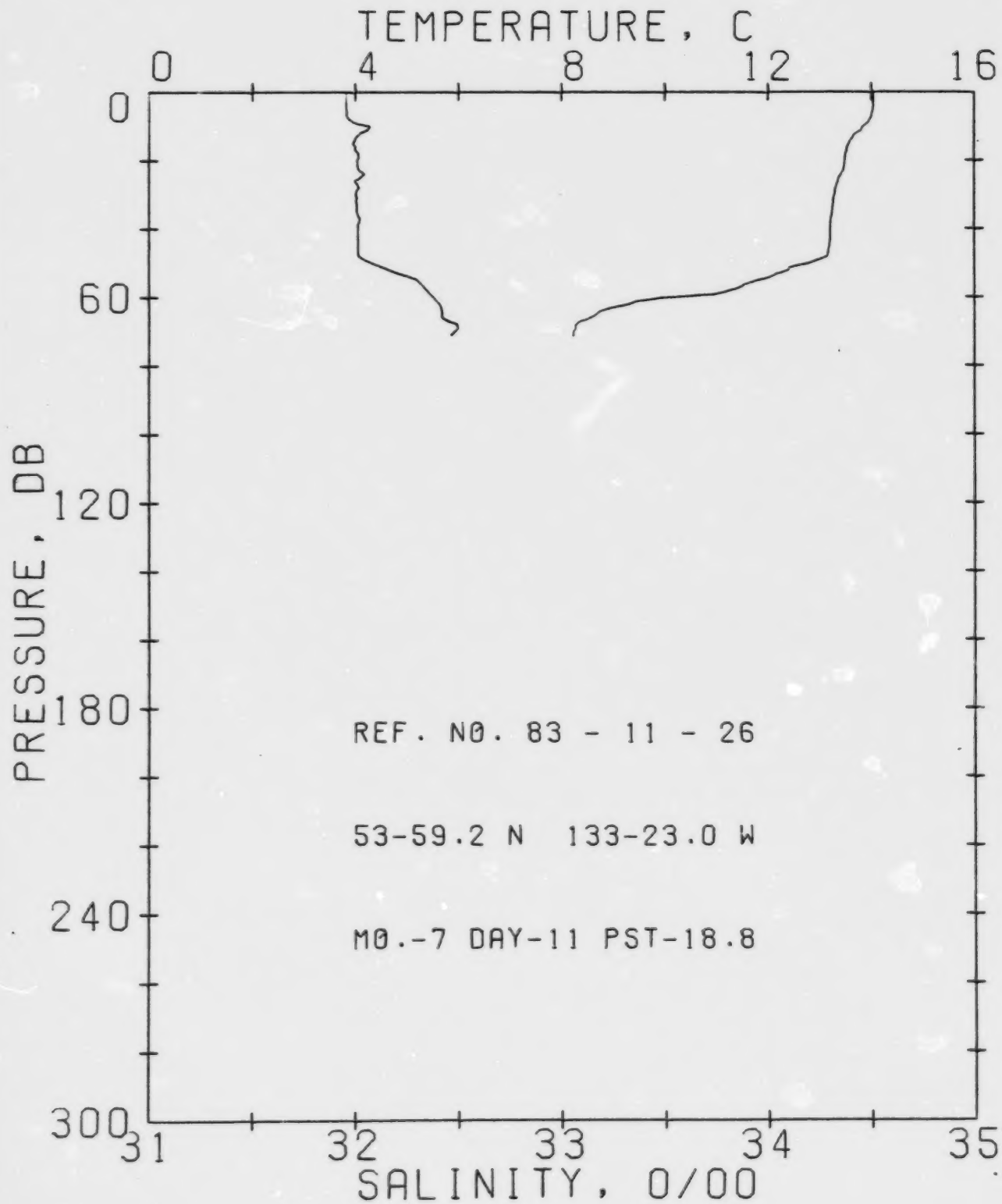
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 24 DATE 11/ 7/83
POSITION 54- 5.0N, 133-19.0W 17.5 STATION Q65
RESULTS OF STP CAST 132 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.58	31.89	0	23.89	402.1	.00	.00	1499.
10	13.44	31.88	10	23.92	399.7	.41	.02	1499.
20	13.25	31.98	20	24.03	389.7	.80	.08	1498.
30	13.27	32.08	30	24.10	383.0	1.19	.18	1499.
50	10.07	32.18	50	24.76	320.1	1.88	.46	1488.
75	8.17	32.51	75	25.32	267.1	2.61	.92	1482.
100	7.23	33.14	99	25.94	208.3	3.21	1.45	1479.
125	6.35	33.74	124	26.54	152.3	3.66	1.97	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 25
54-0.7 N 133-16.4 W
MO.-7 DAY-11 PST-18.1
31
32
33
34
35
SALINITY, O/OO

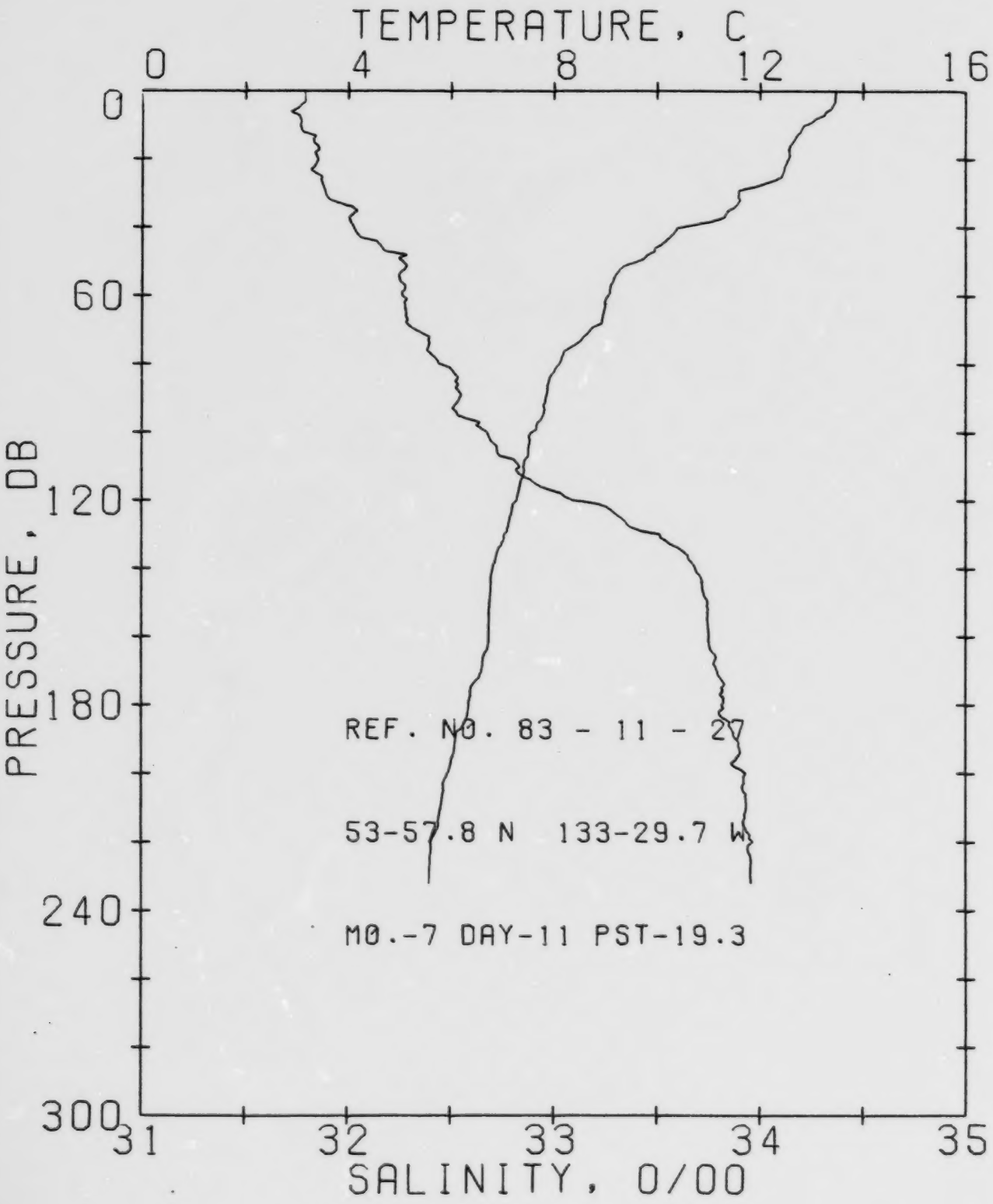
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 25 DATE 11/ 7/83
POSITION 54- .7N, 133-16.4W 18.1 STATION Q17
RESULTS OF STP CAST 65 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.75	31.96	0	23.92	400.0	.00	.00	1500.
10	13.68	31.95	10	23.92	399.6	.40	.02	1499.
20	13.66	31.86	20	23.86	405.8	.80	.08	1499.
30	12.92	32.01	30	24.12	381.0	1.19	.18	1497.
50	9.00	32.34	50	25.06	292.0	1.88	.46	1484.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 26
53-59.2 N 133-23.0 W
MO.-7 DAY-11 PST-18.8
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 26 DATE 11/ 7/83
POSITION 53-59.2N, 133-23.0W 18.8 STATION Q18
RESULTS OF STP CAST 72 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.05	31.96	0	23.85	406.0	.00	.00	1501.
10	13.85	32.07	10	23.98	393.7	.40	.02	1500.
20	13.50	32.01	20	24.00	392.1	.80	.08	1499.
30	13.29	32.00	30	24.04	389.0	1.19	.18	1499.
50	12.80	32.08	50	24.20	374.5	1.96	.49	1497.


TEMPERATURE, C
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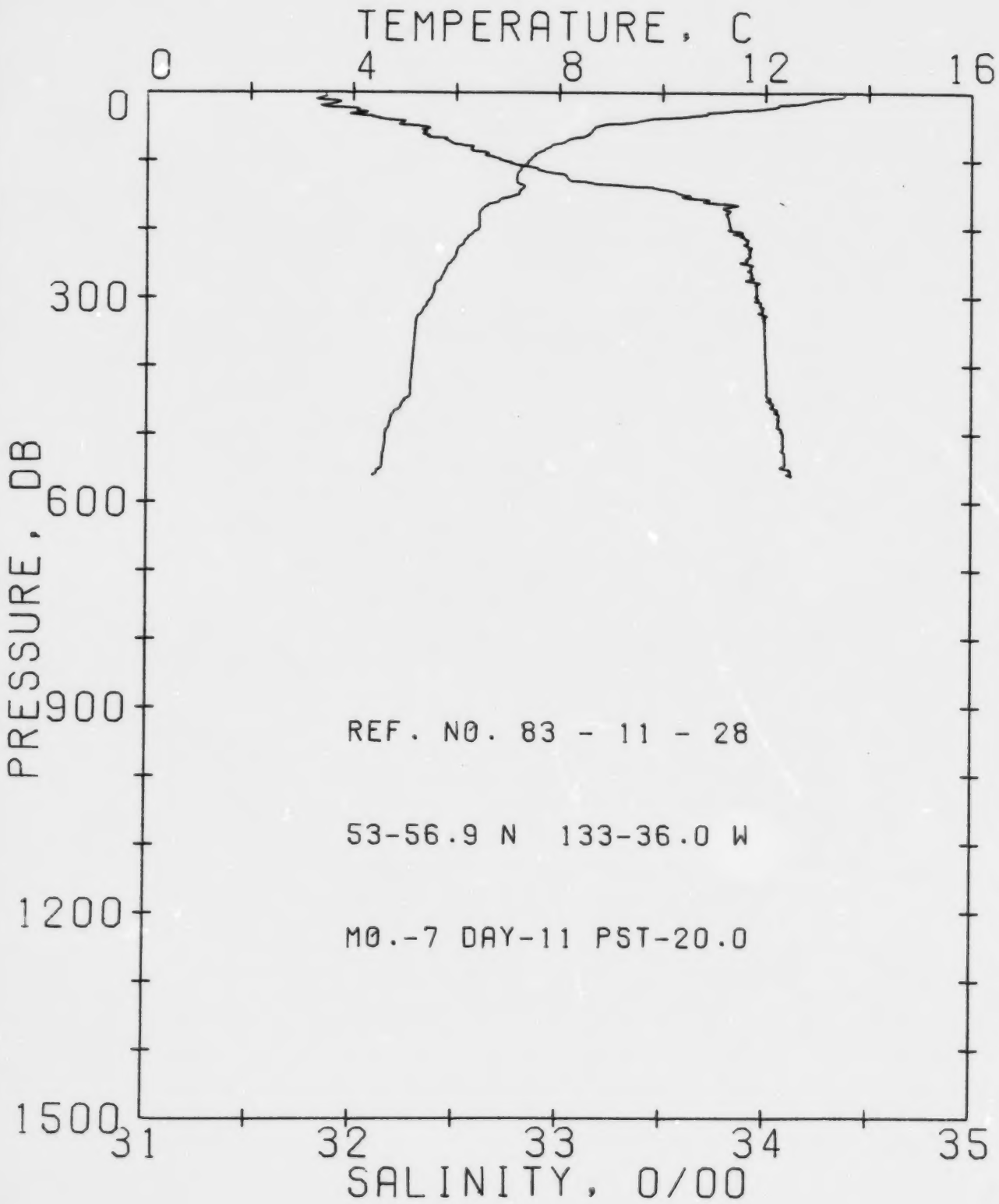
4
8
12
16
PRESSURE, DB
0
60
120
180
240
300
REF. NO. 83 - 11 - 27
53-57.8 N 133-29.7 W
MO.-7 DAY-11 PST-19.3
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 27 DATE 11/ 7/83
POSITION 53-57.8N, 133-29.7W 19.3 STATION Q19
RESULTS OF STP CAST 233 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.47	31.79	0	23.84	406.9	.00	.00	1498.
10	12.86	31.77	10	23.94	397.7	.41	.02	1497.
20	12.55	31.86	20	24.07	385.6	.80	.08	1496.
30	11.58	31.89	30	24.28	366.0	1.18	.18	1493.
50	9.62	32.27	50	24.91	306.5	1.85	.45	1486.
75	8.33	32.39	75	25.20	278.6	2.59	.92	1482.
100	7.55	32.68	99	25.54	246.7	3.25	1.50	1480.
125	7.15	33.33	124	26.11	193.4	3.81	2.15	1479.
150	6.75	33.75	149	26.49	157.1	4.24	2.74	1479.
175	6.39	33.81	174	26.59	148.1	4.62	3.38	1478.
200	5.94	33.93	199	26.74	133.9	4.98	4.06	1477.
225	5.60	33.96	223	26.80	128.3	5.31	4.77	1476.


TEMPERATURE, C
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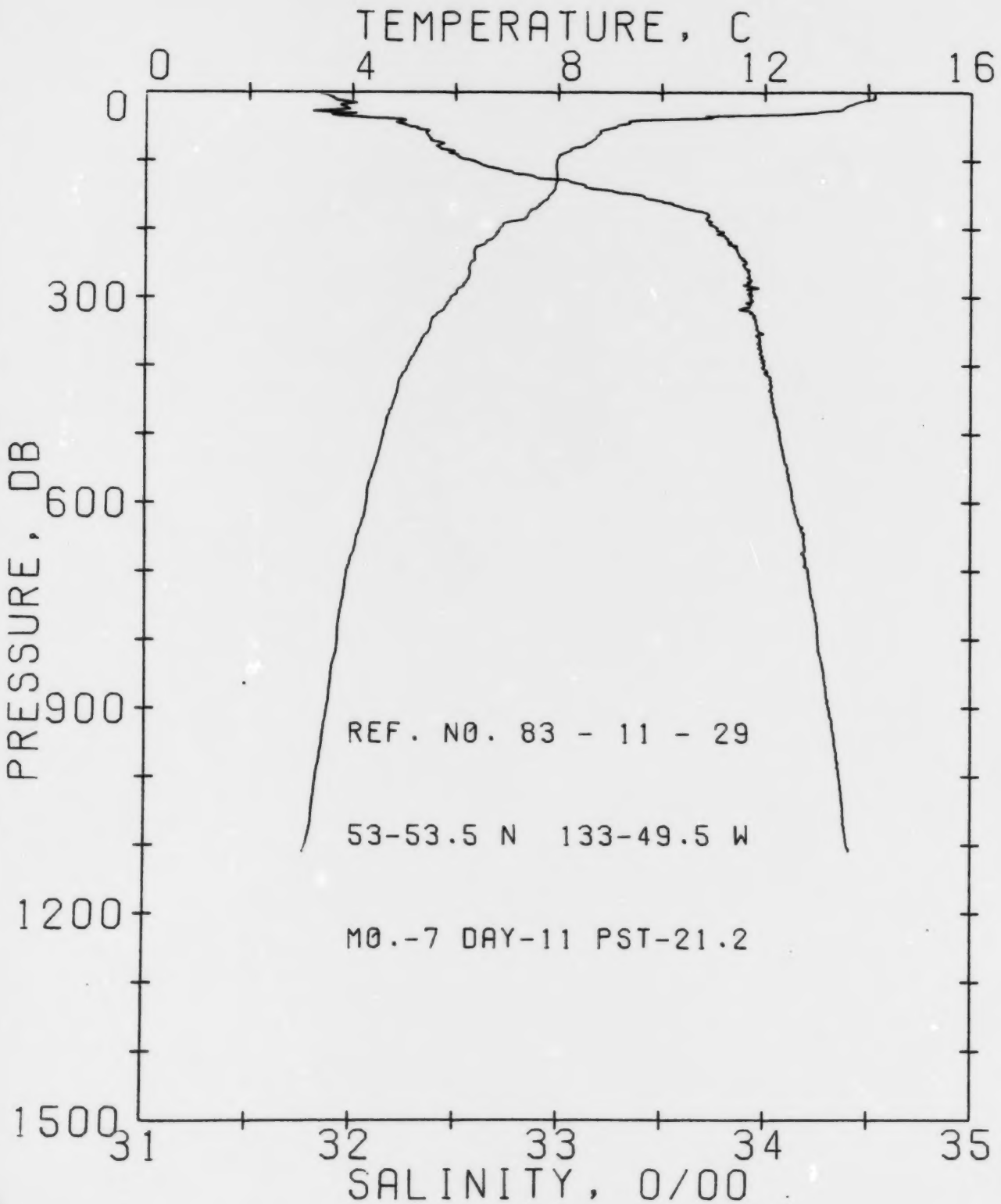
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 28
53-56.9 N 133-36.0 W
MO.-7 DAY-11 PST-20.0
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 28 DATE 11/ 7/83
POSITION 53-56.9N, 133-36.0W 20.0 STATICN Q20
RESULTS OF STP CAST 562 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.53	31.87	0	23.89	402.3	.00	.00	1499.
10	13.06	31.82	10	23.94	397.6	.40	.02	1497.
20	12.23	31.86	20	24.13	379.7	.79	.08	1495.
30	10.89	32.04	30	24.51	343.6	1.14	.17	1490.
50	8.69	32.36	50	25.12	285.8	1.78	.43	1483.
75	7.98	32.48	75	25.33	266.6	2.47	.87	1481.
100	7.41	32.74	99	25.61	240.1	3.10	1.43	1479.
125	7.17	33.04	124	25.88	214.9	3.67	2.07	1479.
150	7.17	33.64	149	26.35	170.9	4.15	2.74	1480.
175	6.45	33.83	174	26.59	147.9	4.54	3.39	1478.
200	6.43	33.82	199	26.58	148.8	4.91	4.10	1478.
225	6.07	33.92	223	26.71	136.8	5.26	4.86	1478.
250	5.87	33.92	248	26.74	134.9	5.60	5.68	1477.
300	5.52	33.95	298	26.81	128.3	6.25	7.51	1477.
400	5.14	34.01	397	26.89	121.2	7.48	11.88	1477.
500	4.62	34.09	496	27.02	110.0	8.65	17.25	1476.


TEMPERATURE, C
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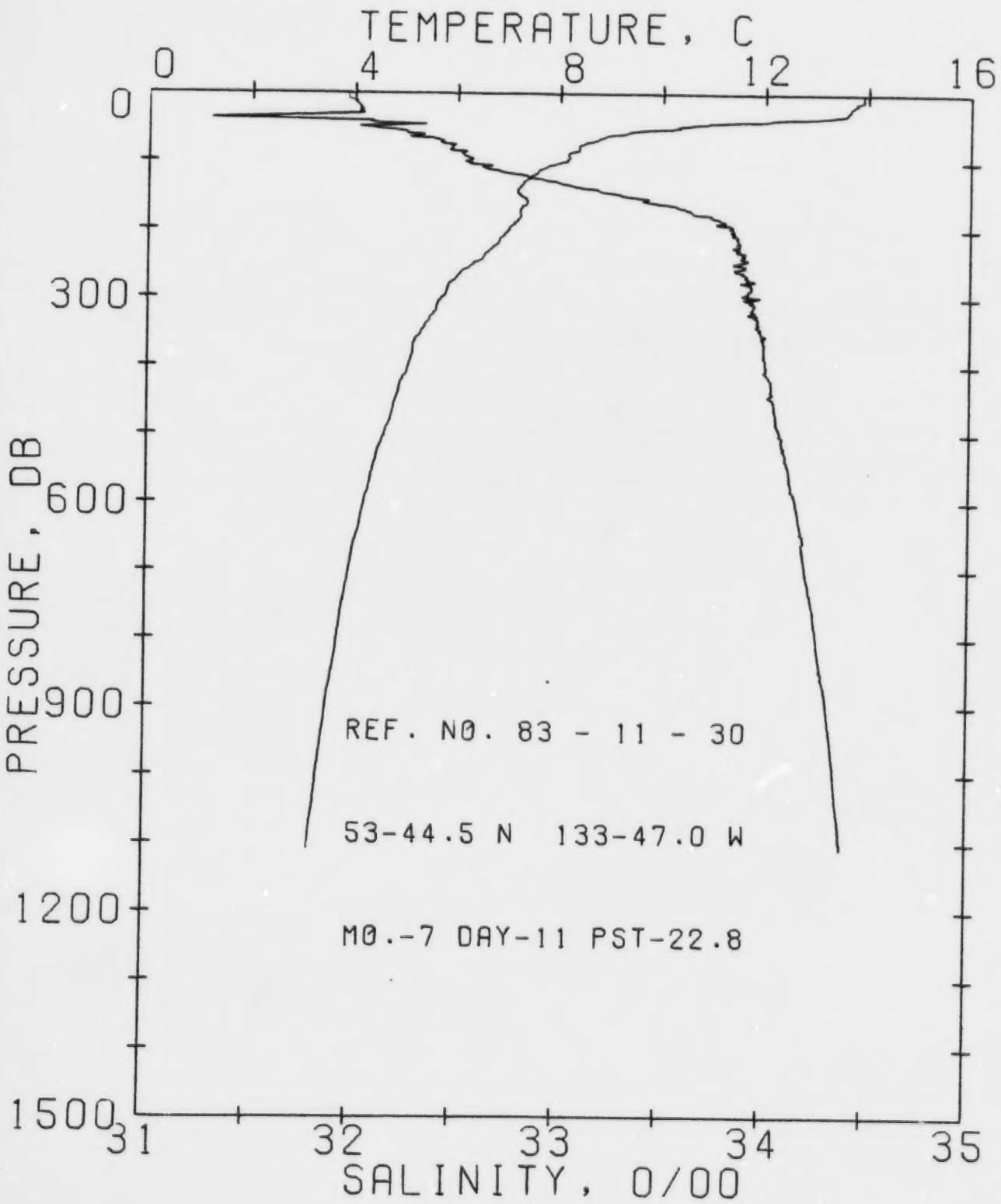
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 29
53-53.5 N 133-49.5 W
MO.-7 DAY-11 PST-21.2
31
32
33
34
35
SALINITY, O/OO

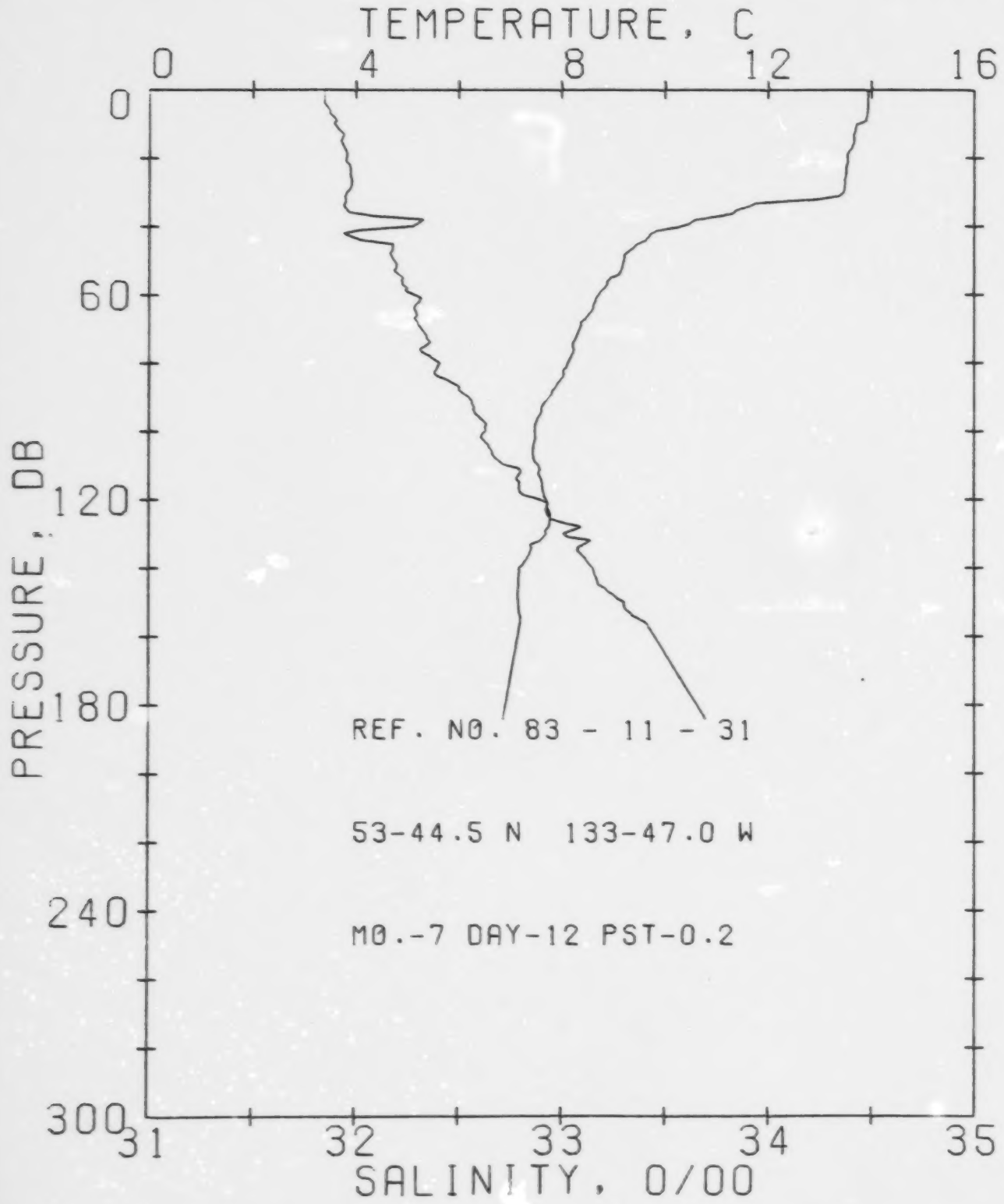
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 29 DATE 11/ 7/83
POSITION 53-53.5N, 133-49.5W 21.2 STATION Q21
RESULTS OF STP CAST 1110 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.14	31.85	0	23.75	415.7	.00	.00	1501.
10	14.07	31.92	10	23.82	409.6	.41	.02	1501.
20	13.59	31.95	20	23.94	397.9	.81	.08	1499.
30	12.82	32.02	30	24.15	378.4	1.21	.18	1497.
50	9.14	32.28	50	25.00	297.8	1.86	.45	1485.
75	8.56	32.44	75	25.20	278.5	2.58	.90	1483.
100	7.98	32.60	99	25.41	258.7	3.25	1.50	1481.
125	7.99	32.90	124	25.65	236.7	3.87	2.21	1482.
150	7.83	33.41	149	26.07	197.3	4.42	2.97	1483.
175	7.45	33.71	174	26.36	170.1	4.88	3.74	1482.
200	6.87	33.77	199	26.49	158.2	5.29	4.52	1480.
225	6.42	33.87	223	26.63	144.9	5.67	5.35	1479.
250	6.31	33.92	248	26.68	140.3	6.03	6.22	1479.
300	5.93	33.93	298	26.74	135.2	6.72	8.16	1478.
400	5.09	34.00	397	26.90	120.8	8.00	12.70	1477.
500	4.63	34.08	496	27.01	110.9	9.16	17.99	1476.
600	4.30	34.15	595	27.10	102.9	10.22	23.96	1477.
800	3.74	34.26	793	27.25	89.6	12.13	37.49	1478.
1000	3.32	34.36	990	27.37	78.8	13.81	52.85	1480.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 30
53-44.5 N 133-47.0 W
MO.-7 DAY-11 PST-22.8
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 30 DATE 11/ 7/83
POSITION 53-44.5N, 133-47.0W 22.8 STATION Q22
RESULTS OF STP CAST 1108 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.91	31.97	0	23.89	402.6	.00	.00	1500.
10	13.90	31.99	10	23.91	401.2	.40	.02	1500.
20	13.67	32.03	20	23.99	393.8	.80	.08	1500.
30	13.59	32.02	30	23.99	393.2	1.19	.18	1500.
50	10.25	32.09	50	24.66	329.7	1.93	.48	1488.
75	8.38	32.49	75	25.28	271.5	2.67	.94	1482.
100	8.07	32.55	99	25.37	263.4	3.34	1.54	1482.
125	7.38	32.91	124	25.74	227.8	3.95	2.24	1480.
150	7.25	33.32	149	26.08	195.9	4.48	2.98	1480.
175	7.23	33.65	174	26.35	171.1	4.93	3.73	1481.
200	7.02	33.85	199	26.53	153.8	5.33	4.50	1481.
225	6.72	33.84	223	26.57	151.1	5.71	5.32	1480.
250	6.32	33.87	248	26.64	143.9	6.08	6.20	1479.
300	5.72	33.89	298	26.74	135.3	6.76	8.11	1477.
400	5.08	34.01	397	26.90	120.4	8.01	12.57	1477.
500	4.61	34.08	496	27.01	110.3	9.17	17.85	1476.
600	4.24	34.16	595	27.12	101.0	10.22	23.76	1477.
800	3.74	34.27	793	27.25	89.2	12.12	37.25	1478.
1000	3.36	34.36	990	27.36	79.8	13.80	52.66	1480.


TEMPERATURE, C
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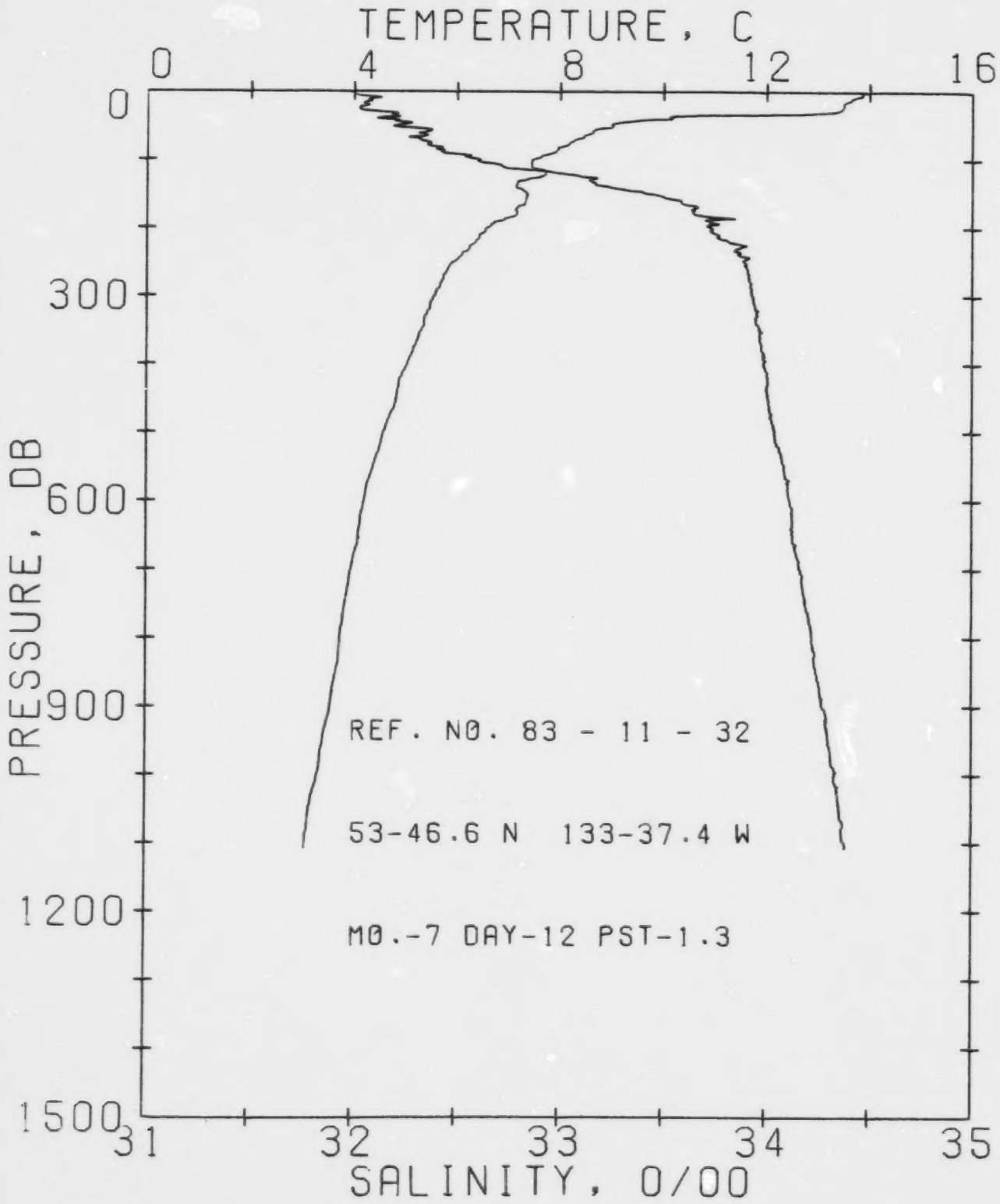
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 31
53-44.5 N 133-47.0 W
MO.-7 DAY-12 PST-0.2
31
32
33
34
35
SALINITY, O/OO

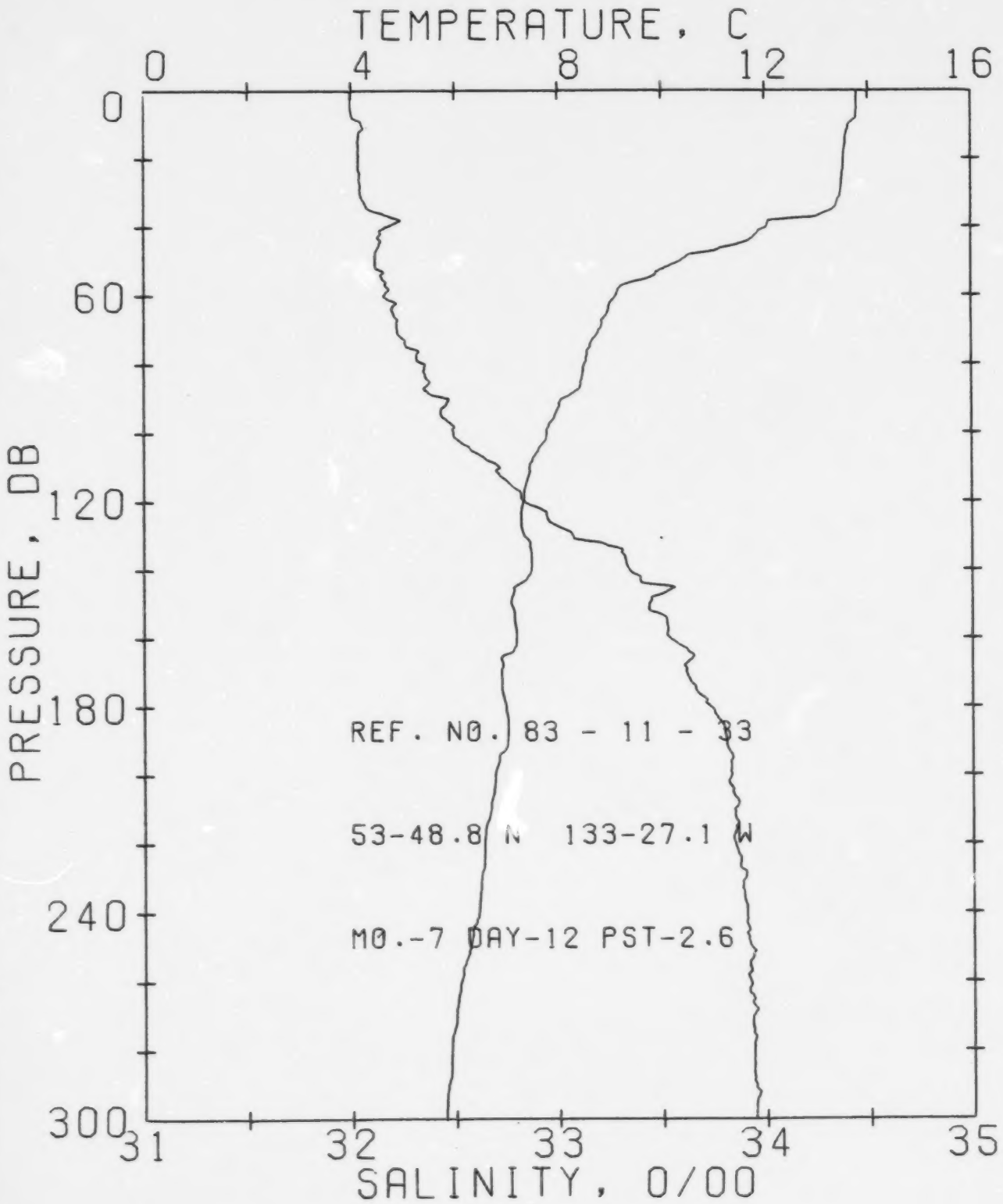
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 31 DATE 12/ 7/83
POSITION 53-44.5N, 133-47.0W .2 STATION Q22
RESULTS OF STP CAST 156 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.94	31.85	0	23.79	412.0	.00	.00	1500.
10	13.72	31.89	10	23.87	404.4	.41	.02	1500.
20	13.55	31.95	20	23.95	397.0	.81	.08	1499.
30	13.48	31.96	30	23.97	395.6	1.21	.18	1499.
50	9.21	32.19	50	24.91	306.0	1.88	.45	1485.
75	8.23	32.34	75	25.18	280.8	2.61	.92	1482.
100	7.49	32.63	99	25.51	249.2	3.27	1.51	1479.
125	7.80	32.94	124	25.71	230.8	3.87	2.19	1481.
150	7.17	33.31	149	26.09	195.4	4.40	2.93	1480.
175	6.99	33.61	174	26.35	171.2	4.86	3.69	1480.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 32
53-46.6 N 133-37.4 W
MO.-7 DAY-12 PST-1.3
31
32
33
34
35
SALINITY, O/OO

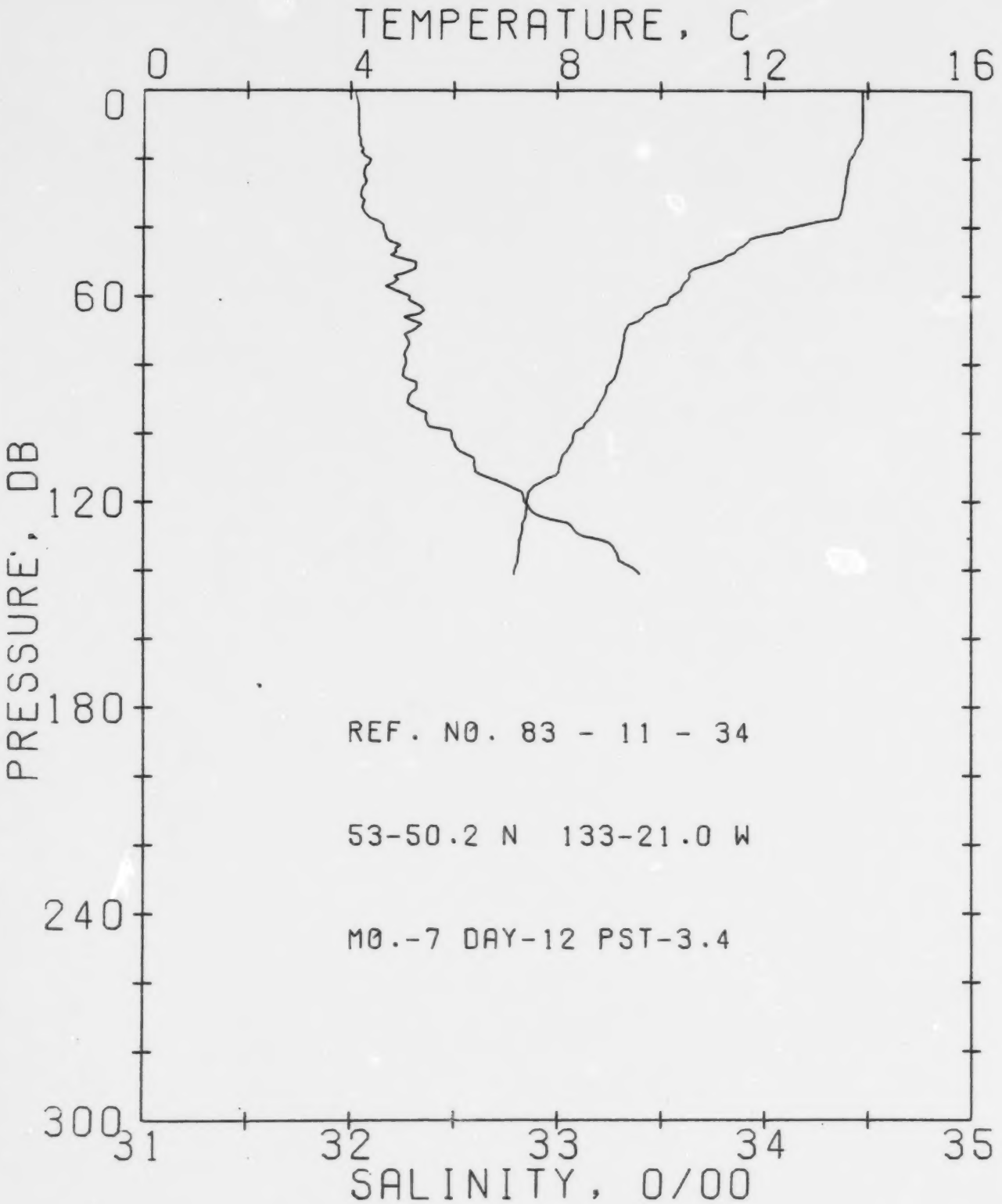
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 32 DATE 12/ 7/83
POSITION 53-46.6N, 133-37.4W 1.3 STATION Q23
RESULTS OF STP CAST 1108 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.88	32.00	0	23.92	399.4	.00	.00	1500.
10	13.66	32.08	10	24.03	389.4	.39	.02	1500.
20	13.53	32.05	20	24.03	389.3	.78	.08	1499.
30	13.12	32.16	30	24.20	373.7	1.17	.18	1498.
50	9.05	32.19	50	24.94	303.4	1.81	.44	1484.
75	8.19	32.38	75	25.21	277.5	2.53	.89	1481.
100	7.46	32.62	99	25.50	250.1	3.19	1.48	1479.
125	7.62	33.14	124	25.89	213.6	3.78	2.16	1481.
150	7.38	33.45	149	26.17	187.5	4.28	2.86	1481.
175	7.18	33.65	174	26.35	170.8	4.72	3.59	1481.
200	6.56	33.74	199	26.51	156.3	5.13	4.36	1479.
225	6.27	33.91	223	26.68	140.0	5.51	5.18	1478.
250	5.91	33.90	248	26.71	136.9	5.86	6.03	1477.
300	5.55	33.94	298	26.79	129.7	6.53	7.90	1477.
400	5.04	33.99	397	26.89	121.0	7.78	12.37	1476.
500	4.59	34.04	496	26.98	113.0	8.95	17.73	1476.
600	4.21	34.12	595	27.09	103.9	10.03	23.77	1476.
800	3.75	34.23	793	27.22	92.4	12.00	37.77	1478.
1000	3.31	34.33	990	27.35	80.9	13.74	53.67	1479.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 33
53-48.8 N 133-27.1 W
MO.-7 DAY-12 PST-2.6
31
32
33
34
35
SALINITY, O/OO

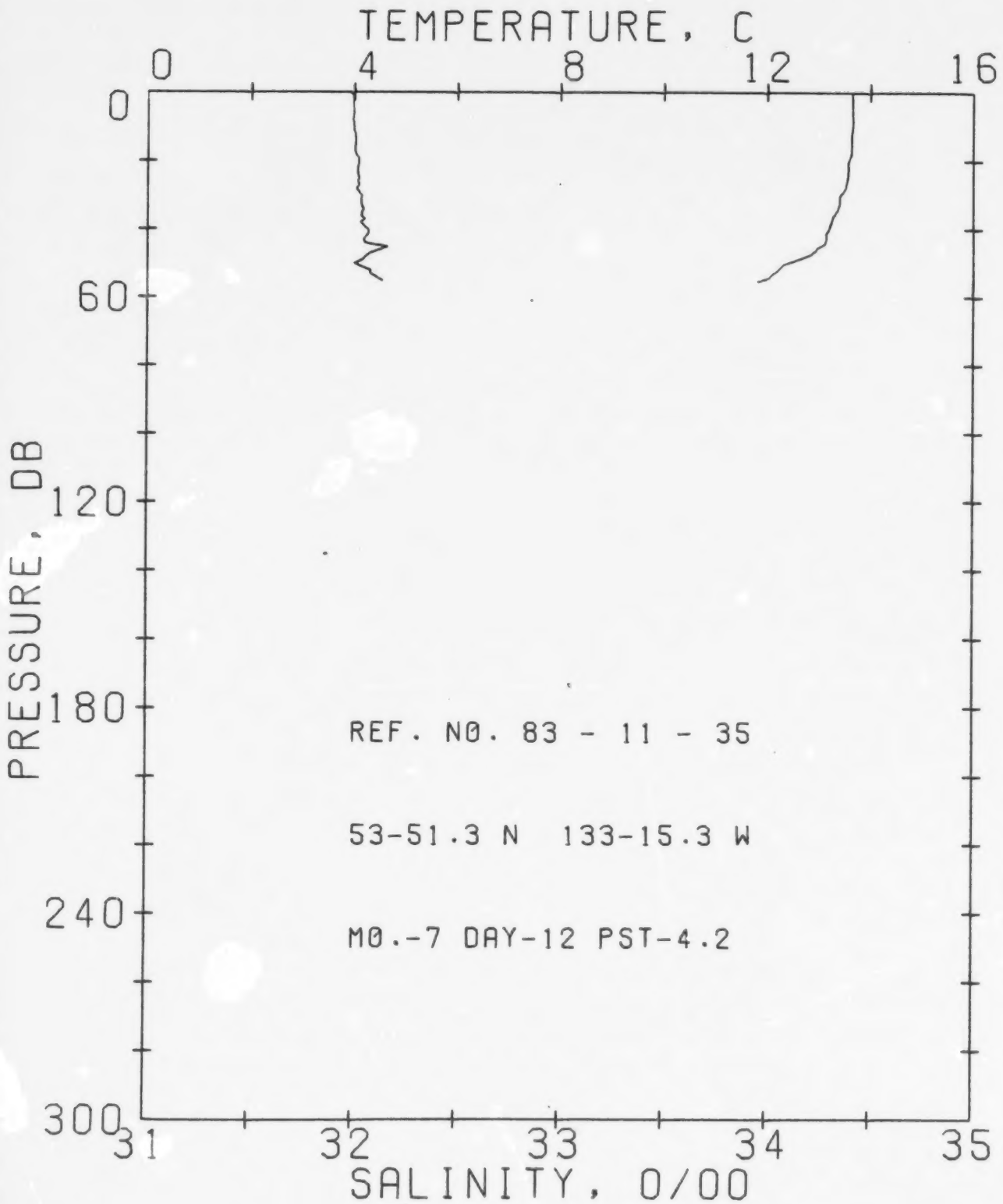
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 33 DATE 12/ 7/83
POSITION 53-48.8N, 133-27.1W 2.6 STATION Q24
RESULTS OF STP CAST 388 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.79	32.00	0	23.94	397.9	.00	.00	1500.
10	13.63	32.06	10	24.01	390.8	.40	.02	1499.
20	13.54	32.04	20	24.02	390.8	.79	.08	1499.
30	13.48	32.04	30	24.03	389.3	1.18	.18	1499.
50	10.39	32.12	50	24.66	329.8	1.90	.47	1489.
75	8.63	32.27	75	25.06	291.8	2.66	.96	1483.
100	7.79	32.50	99	25.36	263.5	3.35	1.57	1480.
125	7.28	32.95	124	25.79	223.2	3.96	2.26	1480.
150	7.08	33.44	149	26.20	184.7	4.46	2.96	1480.
175	6.90	33.67	174	26.41	165.6	4.89	3.68	1480.
200	6.77	33.84	199	26.56	151.5	5.29	4.43	1480.
225	6.56	33.88	223	26.62	146.1	5.66	5.24	1479.
250	6.28	33.93	248	26.69	139.1	6.02	6.10	1479.
300	5.80	33.94	298	26.76	132.7	6.69	7.99	1478.
400	5.10	34.05	397	26.93	117.3	7.94	12.41	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 34
53-50.2 N 133-21.0 W
MO.-7 DAY-12 PST-3.4
31
32
33
34
35
SALINITY, O/OO

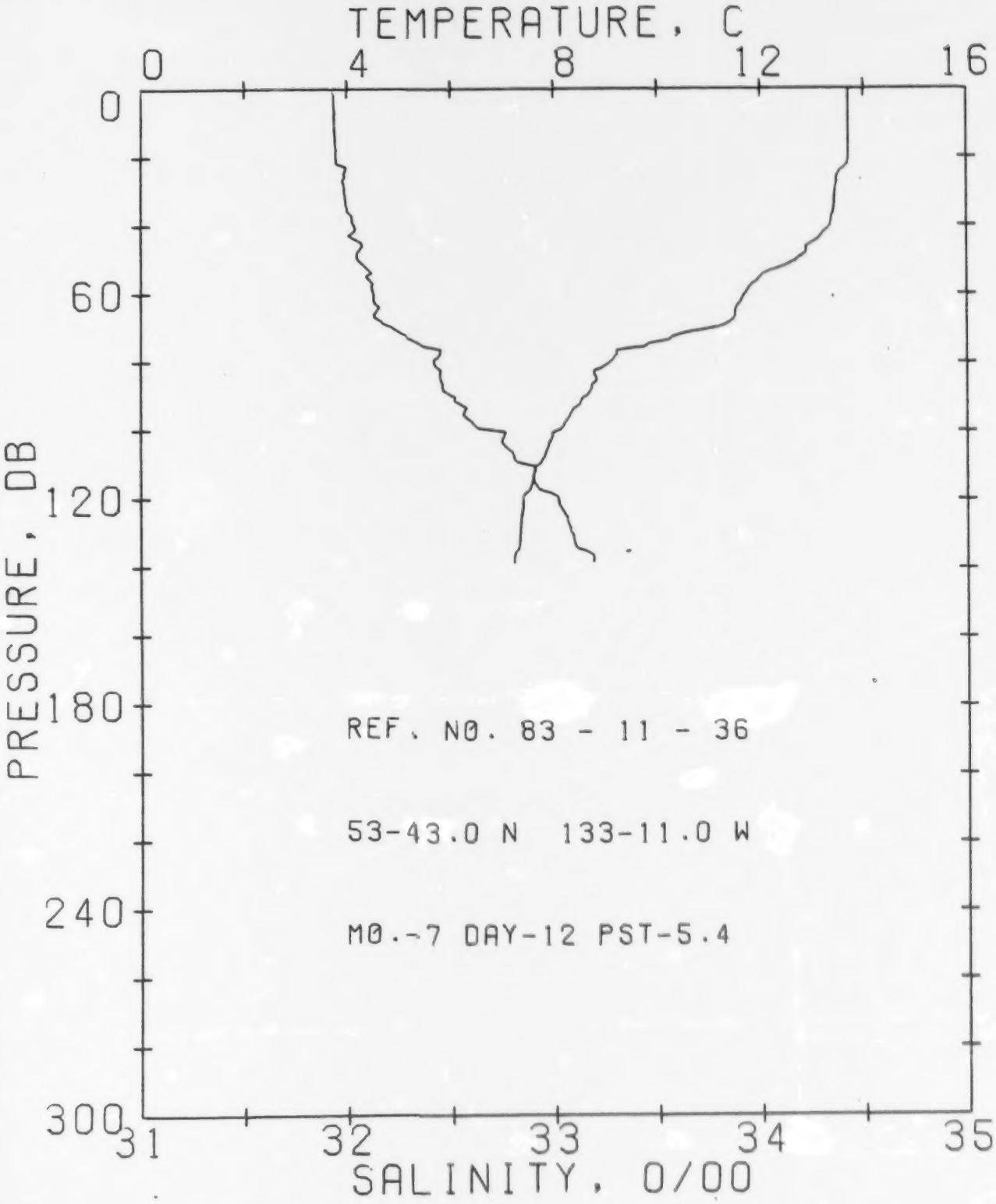
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 34 DATE 12/ 7/83
POSITION 53-50.2N, 133-21.0W 3.4 STATION Q25
RESULTS OF STP CAST 142 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.91	32.03	0	23.94	398.1	.00	.00	1500.
10	13.92	32.04	10	23.94	397.5	.40	.02	1500.
20	13.67	32.10	20	24.04	388.7	.79	.08	1500.
30	13.57	32.05	30	24.02	390.7	1.18	.18	1500.
50	11.06	32.32	50	24.70	325.8	1.91	.47	1492.
75	9.27	32.27	75	24.97	300.9	2.69	.97	1485.
100	8.34	32.49	99	25.28	271.4	3.42	1.62	1483.
125	7.39	32.97	124	25.79	223.4	4.05	2.33	1480.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 35
53-51.3 N 133-15.3 W
MO.-7 DAY-12 PST-4.2
31
32
33
34
35
SALINITY, O/OO

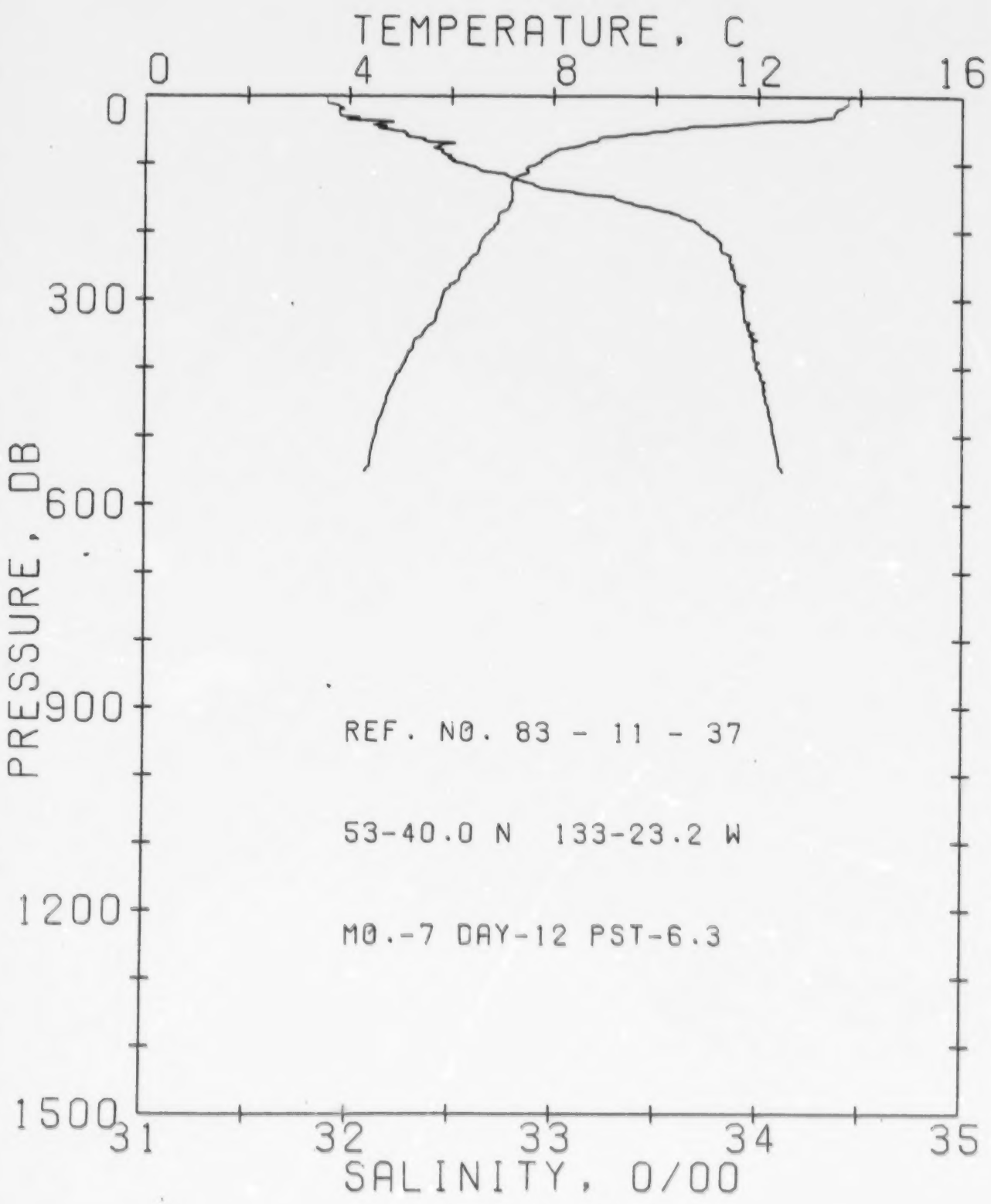
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 35 DATE 12/ 7/83
POSITION 53-51.3N, 133-15.3W 4.2 STATION Q26
RESULTS OF STP CAST 56 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.65	31.99	0	23.96	396.0	.00	.00	1499.
10	13.67	32.00	10	23.96	395.6	.40	.02	1500.
20	13.57	32.02	20	24.00	392.3	.79	.08	1499.
30	13.41	32.04	30	24.05	388.3	1.18	.18	1499.
50	12.33	32.00	50	24.22	371.8	1.95	.49	1496.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 36
53-43.0 N 133-11.0 W
MO.-7 DAY-12 PST-5.4
31
32
33
34
35
SALINITY, O/OO

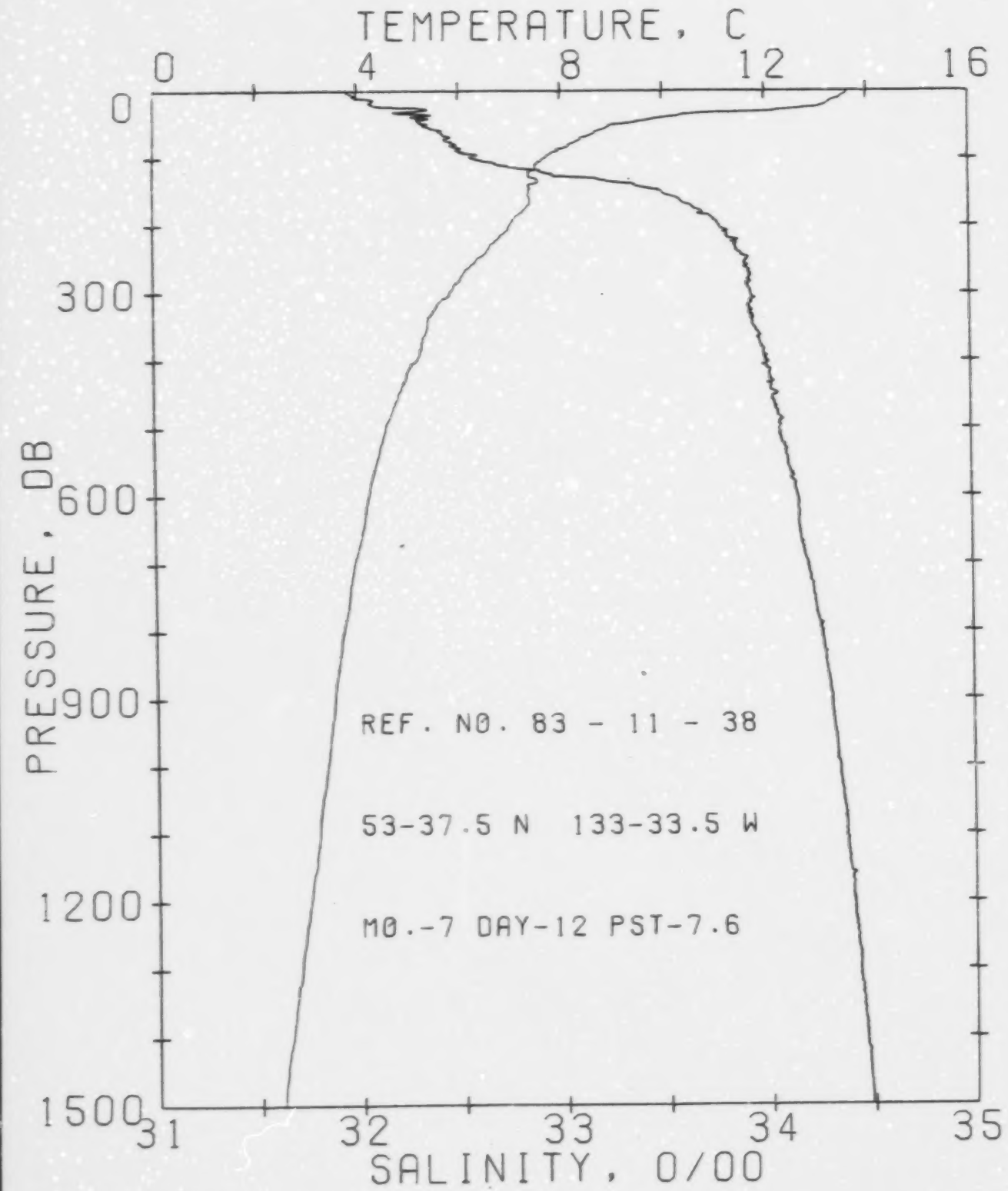
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 36 DATE 12/ 7/83
POSITION 53-43.0N, 133-11.0W 5.4 STATION Q67
RESULTS OF STP CAST 139 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.71	31.93	0	23.90	401.2	.00	.00	1499.
10	13.71	31.94	10	23.91	400.9	.40	.02	1500.
20	13.72	31.95	20	23.91	400.6	.80	.08	1500.
30	13.46	31.99	30	24.00	393.0	1.20	.18	1499.
50	12.70	32.05	50	24.20	374.5	1.97	.50	1497.
75	9.78	32.37	75	24.96	301.7	2.83	1.04	1487.
100	7.98	32.77	99	25.55	245.8	3.52	1.66	1482.
125	7.37	33.07	124	25.87	215.7	4.10	2.32	1480.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 37
53-40.0 N 133-23.2 W
MO.-7 DAY-12 PST-6.3
31
32
33
34
35
SALINITY, O/OO

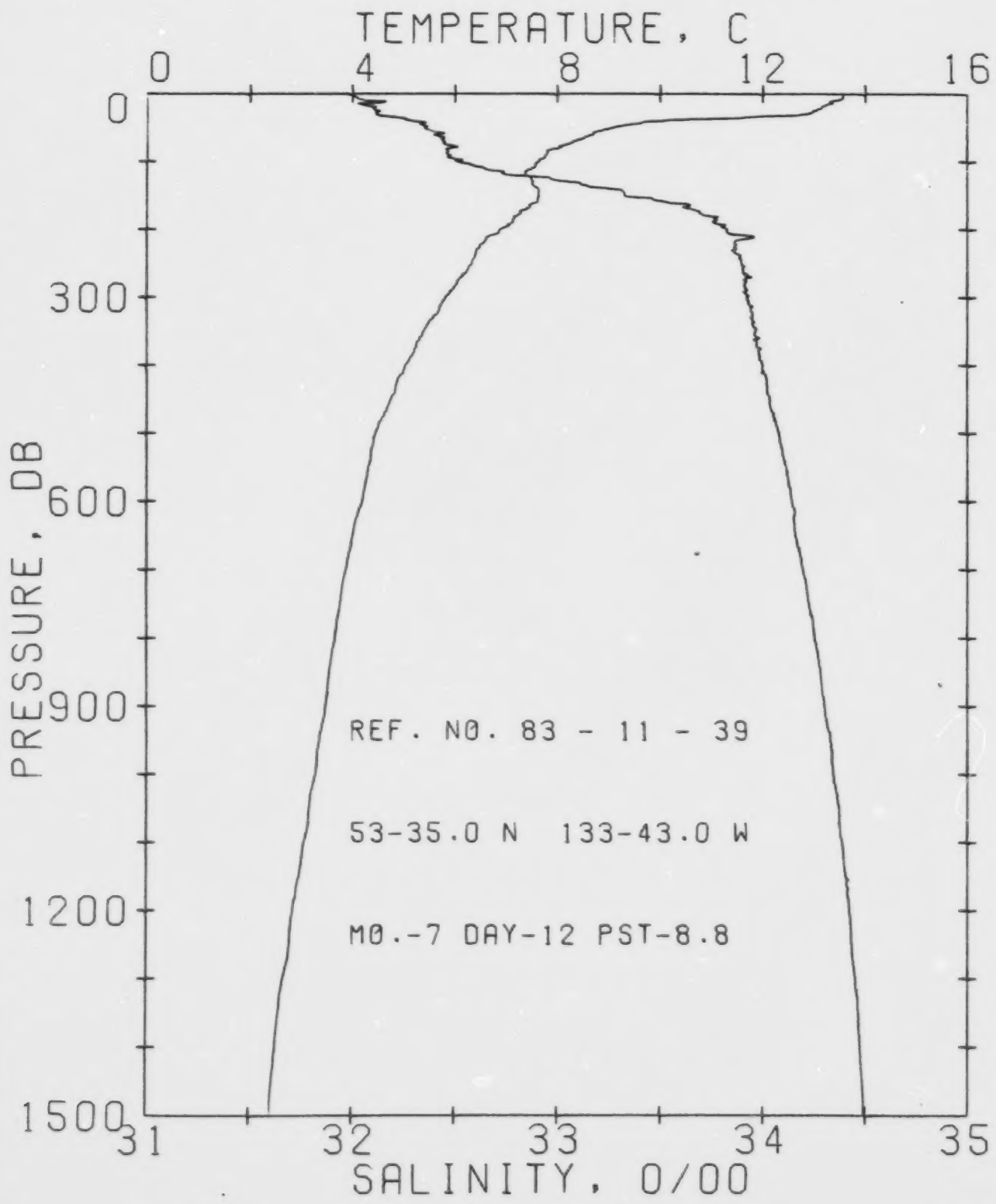
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 37 DATE 12/ 7/83
POSITION 53-40.0N, 133-23.2W 6.3 STATION Q69
RESULTS OF STP CAST 552 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.77	31.89	0	23.86	405.4	.00	.00	1500.
10	13.77	31.89	10	23.86	405.5	.41	.02	1500.
20	13.55	31.95	20	23.95	397.6	.81	.08	1499.
30	13.45	31.97	30	23.98	394.1	1.20	.18	1499.
50	10.24	32.22	50	24.77	319.6	1.90	.47	1489.
75	8.36	32.42	75	25.22	276.6	2.64	.93	1482.
100	7.66	32.57	99	25.44	256.2	3.30	1.52	1480.
125	7.19	32.85	124	25.73	229.3	3.91	2.21	1479.
150	7.18	33.30	149	26.08	196.2	4.45	2.97	1480.
175	6.92	33.62	174	26.37	169.2	4.90	3.73	1480.
200	6.73	33.76	199	26.50	156.6	5.31	4.51	1480.
225	6.54	33.82	223	26.57	150.5	5.69	5.33	1479.
250	6.28	33.86	248	26.64	143.8	6.06	6.21	1479.
300	5.80	33.93	298	26.75	133.7	6.75	8.14	1478.
400	5.02	33.99	397	26.90	120.7	8.02	12.67	1476.
500	4.50	34.08	496	27.02	109.4	9.16	17.88	1476.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 38
53-37.5 N 133-33.5 W
MO.-7 DAY-12 PST-7.6
31
32
33
34
35
SALINITY, O/OO

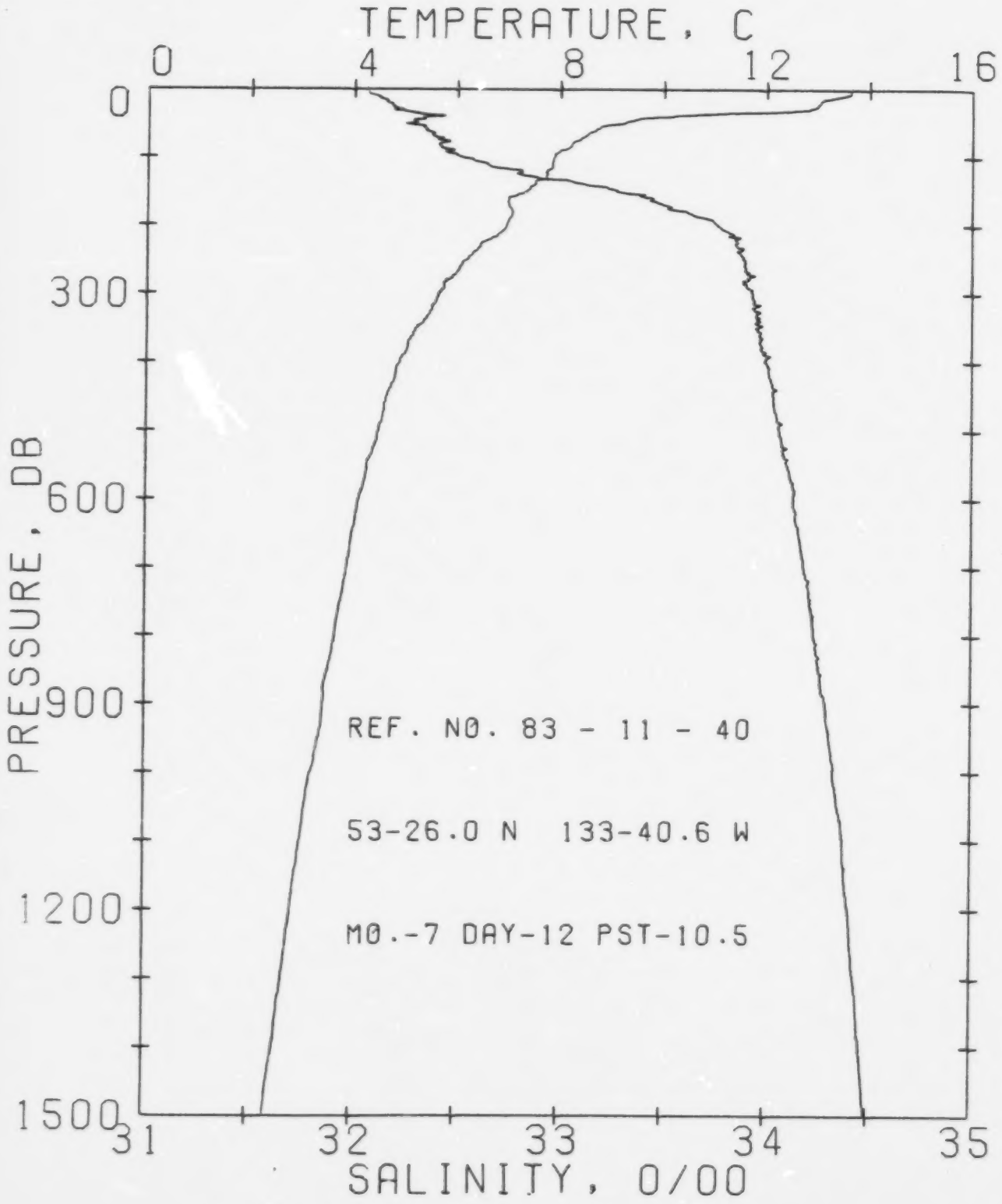
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 38 DATE 12/ 7/83
POSITION 53-37.5N, 133-33.5W 7.6 STATION Q70
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.62	31.96	0	23.95	397.1	.00	.00	1499.
10	13.50	31.99	10	23.99	392.9	.40	.02	1499.
20	13.22	32.07	20	24.11	382.0	.78	.08	1498.
30	12.21	32.30	30	24.48	347.2	1.14	.17	1495.
50	8.96	32.36	50	25.08	289.8	1.77	.42	1484.
75	8.32	32.44	75	25.24	274.7	2.47	.87	1482.
100	7.68	32.57	99	25.43	256.7	3.13	1.46	1480.
125	7.36	32.97	124	25.79	223.1	3.73	2.14	1480.
150	7.38	33.50	149	26.21	184.0	4.23	2.85	1481.
175	7.30	33.66	174	26.35	171.2	4.68	3.58	1481.
200	6.99	33.78	199	26.48	158.7	5.09	4.36	1481.
225	6.69	33.83	223	26.56	151.3	5.47	5.20	1480.
250	6.36	33.91	248	26.67	141.2	5.84	6.09	1479.
300	5.82	33.93	298	26.75	133.9	6.53	8.01	1478.
400	5.13	34.01	397	26.90	120.7	7.80	12.54	1477.
500	4.52	34.07	496	27.01	110.2	8.95	17.81	1476.
600	4.17	34.15	595	27.12	101.1	10.01	23.73	1476.
800	3.65	34.27	793	27.26	87.9	11.92	37.29	1478.
1000	3.31	34.34	990	27.35	80.5	13.60	52.71	1479.
1200	2.96	34.41	1188	27.44	72.7	15.13	69.84	1481.
1500	2.44	34.49	1483	27.55	62.5	17.15	97.59	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 39
53-35.0 N 133-43.0 W
MO.-7 DAY-12 PST-8.8
31
32
33
34
35
SALINITY, O/OO

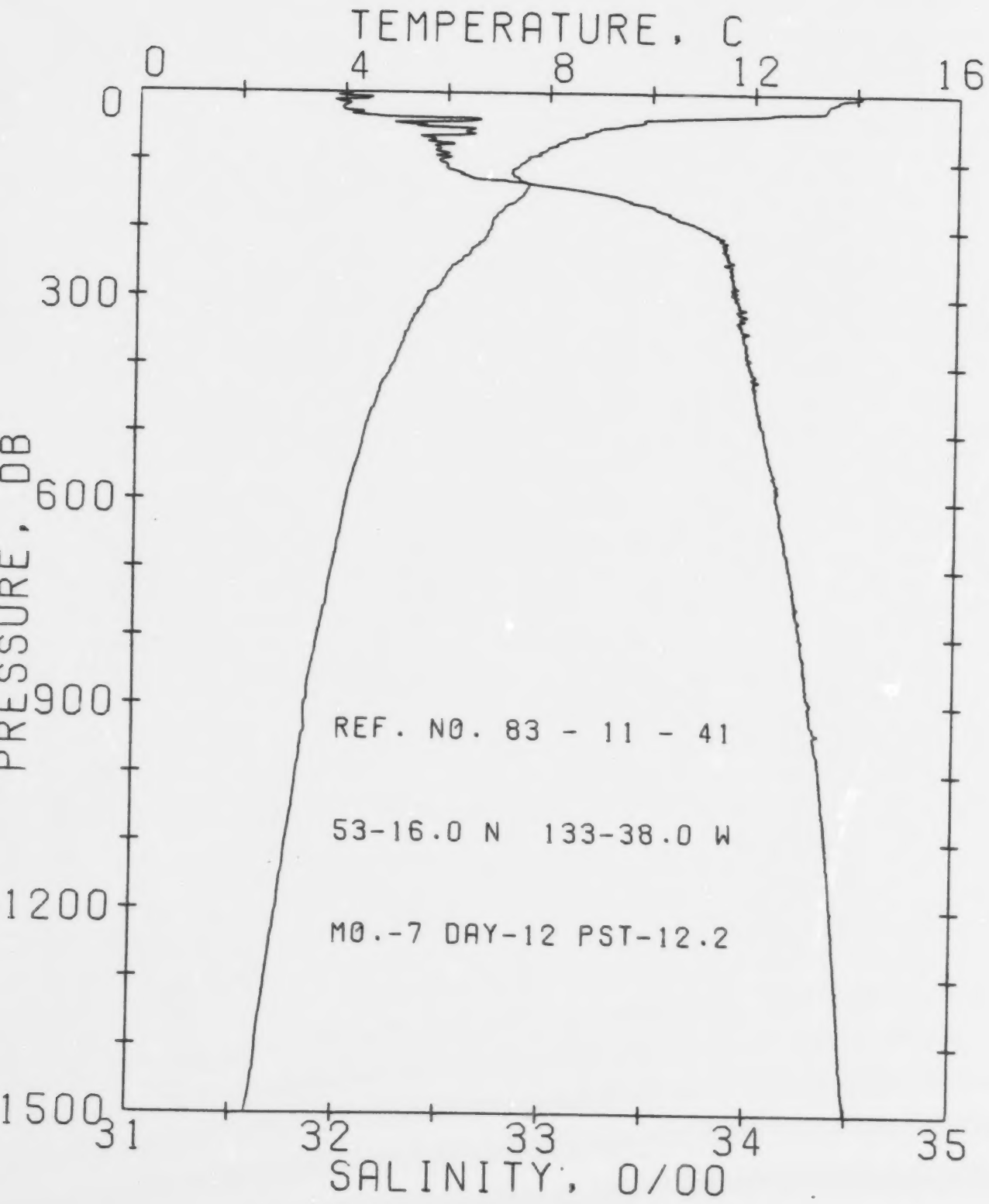
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 39 DATE 12/ 7/83
POSITION 53-35.0N, 133-43.0W 8.8 STATION Q71
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.58	31.99	0	23.97	394.5	.00	.00	1499.
10	13.33	32.17	10	24.16	376.9	.39	.02	1499.
20	13.18	32.10	20	24.14	379.4	.77	.08	1498.
30	12.79	32.12	30	24.23	370.8	1.15	.17	1497.
50	9.09	32.35	50	25.06	292.1	1.78	.43	1484.
75	8.14	32.49	75	25.31	268.7	2.48	.87	1481.
100	7.62	32.53	99	25.41	258.7	3.14	1.46	1480.
125	7.49	32.98	124	25.78	223.8	3.75	2.15	1480.
150	7.65	33.33	149	26.04	200.3	4.27	2.88	1482.
175	7.30	33.70	174	26.37	168.8	4.72	3.63	1481.
200	6.88	33.83	199	26.54	153.3	5.12	4.39	1480.
225	6.50	33.86	223	26.61	146.7	5.49	5.19	1479.
250	6.34	33.90	248	26.66	142.2	5.85	6.06	1479.
300	5.83	33.92	298	26.74	134.7	6.53	7.99	1478.
400	5.04	34.00	397	26.90	120.4	7.81	12.51	1476.
500	4.47	34.08	496	27.03	108.8	8.95	17.76	1476.
600	4.21	34.14	595	27.11	102.0	10.00	23.65	1476.
800	3.67	34.26	793	27.25	89.3	11.91	37.20	1478.
1000	3.29	34.35	990	27.36	79.7	13.59	52.60	1479.
1200	2.85	34.42	1188	27.46	70.3	15.09	69.35	1481.
1500	2.40	34.49	1483	27.56	61.8	17.07	96.43	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 40
53-26.0 N 133-40.6 W
MO.-7 DAY-12 PST-10.5
31
32
33
34
35
SALINITY, O/OO

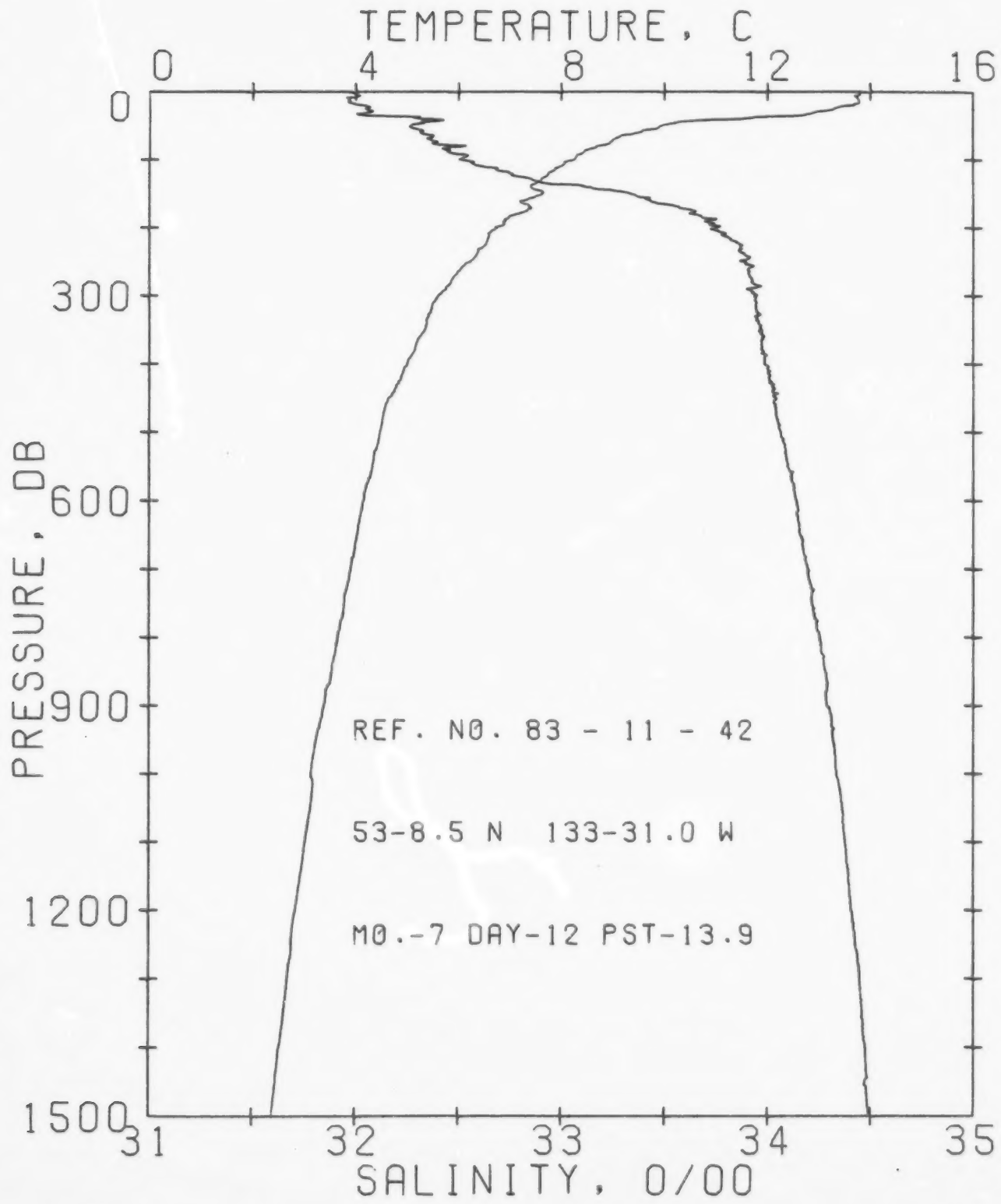
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 40 DATE 12/ 7/83
POSITION 53-26.0N, 133-40.6W 10.5 STATION Q72
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.65	32.06	0	24.01	390.9	.00	.00	1499.
10	13.40	32.13	10	24.11	381.3	.39	.02	1499.
20	13.05	32.17	20	24.22	371.6	.76	.08	1498.
30	12.69	32.19	30	24.30	363.9	1.13	.17	1497.
50	9.21	32.25	50	24.96	301.7	1.76	.42	1485.
75	8.32	32.47	75	25.26	272.8	2.47	.88	1482.
100	7.88	32.54	99	25.38	261.7	3.14	1.48	1481.
125	7.75	32.82	124	25.63	239.1	3.77	2.19	1481.
150	7.35	33.28	149	26.04	199.7	4.31	2.95	1481.
175	7.05	33.53	174	26.28	177.9	4.77	3.71	1480.
200	6.97	33.77	199	26.48	159.1	5.18	4.50	1481.
225	6.49	33.85	223	26.61	147.1	5.56	5.32	1479.
250	6.20	33.90	248	26.68	140.0	5.92	6.19	1478.
300	5.66	33.94	298	26.78	131.4	6.61	8.10	1477.
400	4.91	34.00	397	26.92	118.5	7.86	12.55	1476.
500	4.49	34.07	496	27.02	110.0	9.00	17.77	1476.
600	4.11	34.14	595	27.11	101.3	10.05	23.67	1476.
800	3.67	34.23	793	27.23	91.0	11.97	37.32	1478.
1000	3.22	34.33	990	27.35	80.2	13.67	52.91	1479.
1200	2.85	34.41	1188	27.45	71.7	15.18	69.79	1481.
1500	2.34	34.48	1483	27.55	61.8	17.18	97.10	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 41
53-16.0 N 133-38.0 W
MO.-7 DAY-12 PST-12.2
31
32
33
34
35
SALINITY, O/OO

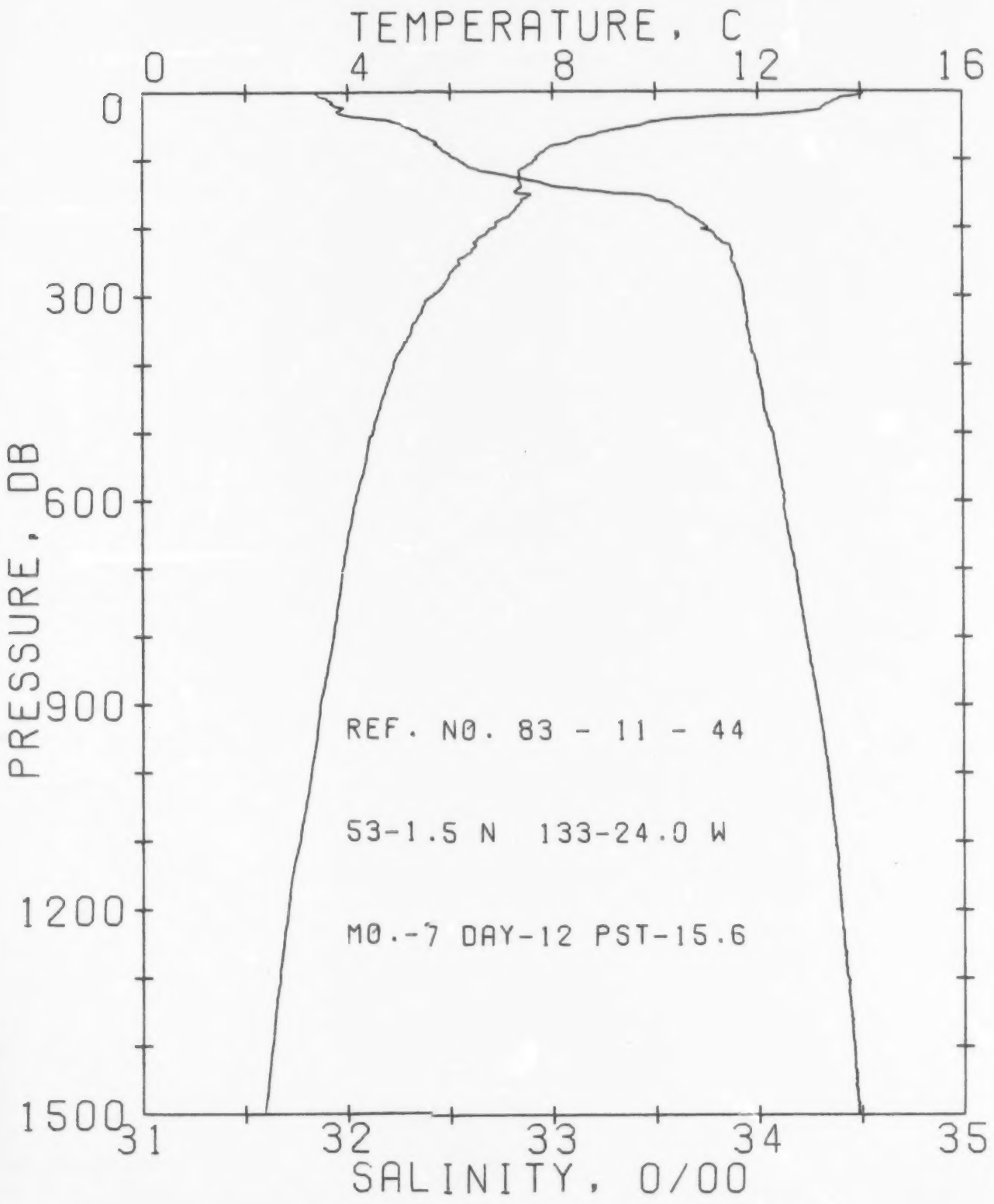
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 41 DATE 12/ 7/83
POSITION 53-16.0N, 133-38.0W 12.2 STATION Q73
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.07	32.02	0	23.90	401.6	.00	.00	1501.
10	13.66	31.97	10	23.94	397.8	.40	.02	1499.
20	13.42	32.00	20	24.01	391.6	.79	.08	1499.
30	12.36	32.04	30	24.25	369.0	1.17	.18	1495.
50	9.21	32.52	50	25.17	281.5	1.79	.43	1485.
75	8.15	32.53	75	25.34	265.3	2.48	.86	1482.
100	7.56	32.46	99	25.37	263.0	3.14	1.46	1480.
125	7.42	32.64	124	25.53	248.4	3.78	2.18	1480.
150	7.49	33.34	149	26.06	197.7	4.33	2.95	1481.
175	7.02	33.59	174	26.33	172.8	4.79	3.72	1480.
200	6.87	33.78	199	26.50	157.5	5.21	4.51	1480.
225	6.56	33.85	223	26.59	148.3	5.59	5.33	1479.
250	6.22	33.86	248	26.65	143.2	5.95	6.21	1479.
300	5.62	33.91	298	26.76	132.6	6.63	8.12	1477.
400	4.98	33.99	397	26.90	120.5	7.89	12.61	1476.
500	4.45	34.06	496	27.02	110.0	9.04	17.87	1476.
600	4.11	34.13	595	27.11	101.6	10.10	23.78	1476.
800	3.60	34.24	793	27.25	89.6	12.00	37.34	1477.
1000	3.21	34.35	990	27.37	78.3	13.68	52.63	1479.
1200	2.85	34.42	1188	27.46	70.8	15.17	69.33	1481.
1500	2.31	34.50	1483	27.57	60.0	17.13	96.08	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 42
53-8.5 N 133-31.0 W
MO.-7 DAY-12 PST-13.9
31
32
33
34
35
SALINITY, O/OO

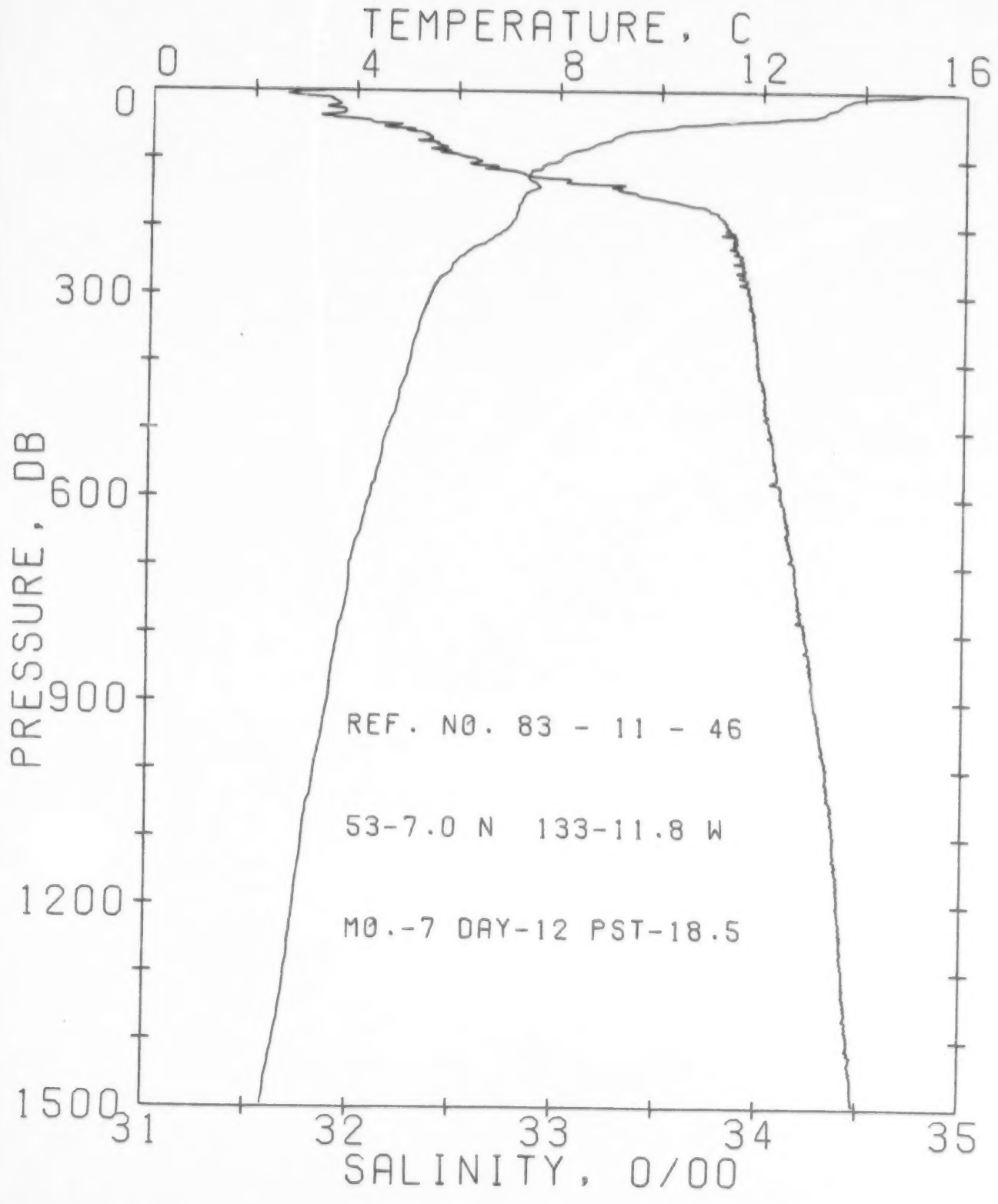
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 42 DATE 12/ 7/83
POSITION 53- 8.5N, 133-31.0W 13.9 STATION Q74
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.80	31.99	0	23.93	399.0	.00	.00	1500.
10	13.77	31.97	10	23.92	399.7	.40	.02	1500.
20	13.48	32.06	20	24.05	387.7	.80	.08	1499.
30	12.91	32.06	30	24.16	377.6	1.18	.18	1497.
50	9.93	32.26	50	24.85	311.9	1.85	.45	1487.
75	8.97	32.37	75	25.09	289.4	2.59	.92	1484.
100	8.23	32.53	99	25.33	267.2	3.28	1.53	1482.
125	7.65	32.83	124	25.64	237.2	3.91	2.25	1481.
150	7.62	33.35	149	26.06	198.3	4.45	3.01	1482.
175	7.31	33.66	174	26.34	171.8	4.91	3.78	1481.
200	6.74	33.74	199	26.49	158.3	5.32	4.56	1480.
225	6.52	33.88	223	26.63	145.2	5.70	5.38	1479.
250	6.19	33.90	248	26.68	140.1	6.06	6.25	1478.
300	5.62	33.93	298	26.78	131.1	6.74	8.14	1477.
400	5.03	33.98	397	26.89	121.6	7.99	12.62	1476.
500	4.49	34.07	496	27.01	110.1	9.14	17.87	1476.
600	4.17	34.14	595	27.11	102.0	10.20	23.79	1476.
800	3.66	34.25	793	27.25	89.2	12.12	37.43	1477.
1000	3.13	34.34	990	27.37	78.6	13.79	52.75	1479.
1200	2.85	34.41	1188	27.45	71.4	15.29	69.58	1481.
1500	2.37	34.49	1483	27.56	61.6	17.29	96.80	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 44
53-1.5 N 133-24.0 W
MO.-7 DAY-12 PST-15.6
31
32
33
34
35
SALINITY, O/OO

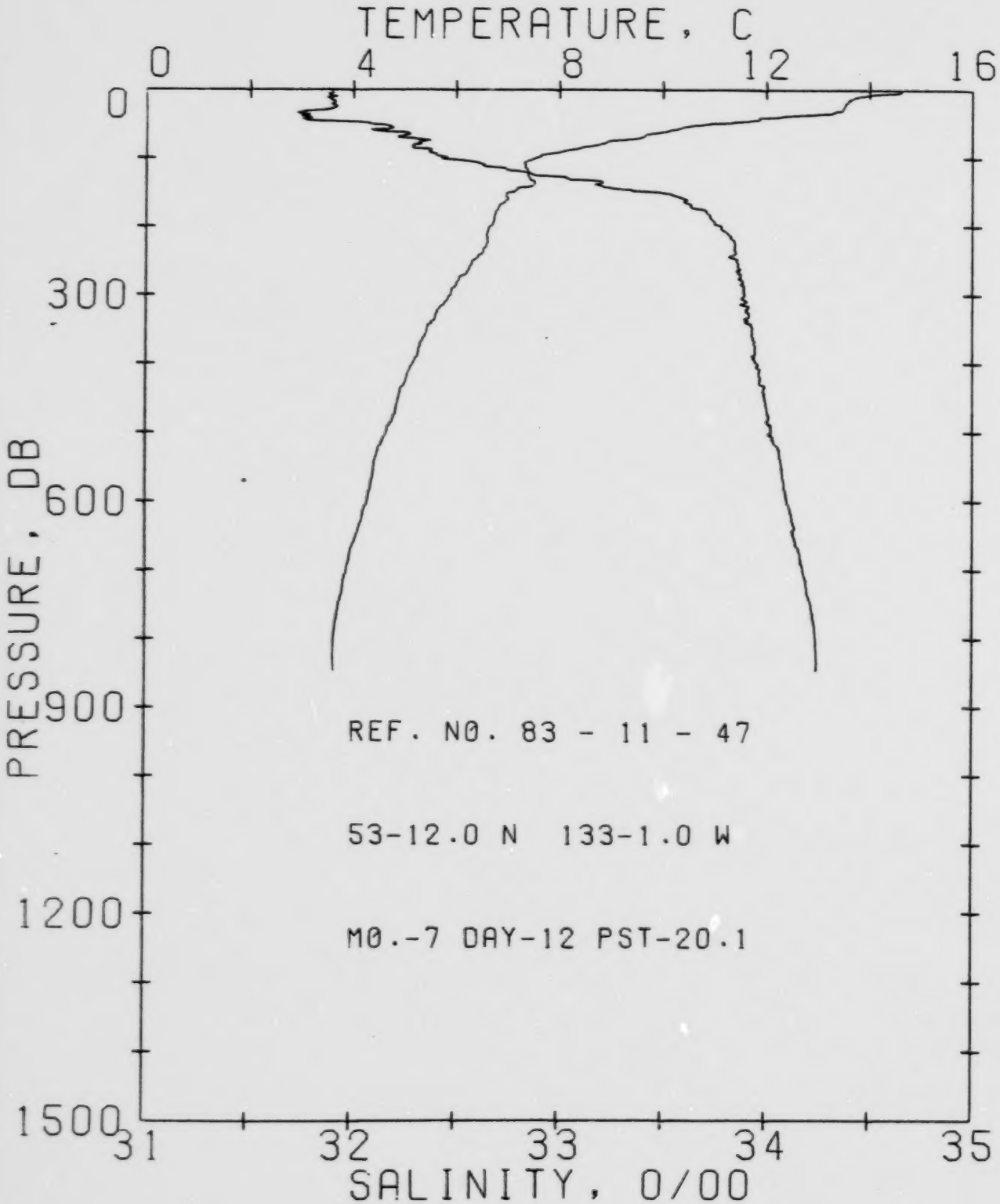
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 44 DATE 12/ 7/83
POSITION 53- 1.5N, 133-24.0W 15.6 STATION Q75
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.07	31.84	0	23.76	414.6	.00	.00	1501.
10	13.63	31.90	10	23.89	402.3	.41	.02	1499.
20	13.35	31.94	20	23.98	394.3	.81	.08	1499.
30	12.91	31.96	30	24.08	385.0	1.20	.18	1497.
50	9.67	32.28	50	24.91	306.2	1.87	.45	1487.
75	8.33	32.44	75	25.24	274.8	2.59	.91	1482.
100	7.66	32.55	99	25.42	257.9	3.25	1.50	1480.
125	7.32	32.82	124	25.68	233.6	3.87	2.21	1479.
150	7.58	33.43	149	26.13	191.7	4.41	2.97	1482.
175	7.26	33.65	174	26.34	172.0	4.86	3.71	1481.
200	6.87	33.76	199	26.48	159.0	5.28	4.50	1480.
225	6.53	33.87	223	26.61	146.6	5.66	5.32	1479.
250	6.17	33.88	248	26.67	141.5	6.02	6.19	1478.
300	5.64	33.93	298	26.77	131.8	6.70	8.10	1477.
400	4.91	33.99	397	26.91	119.2	7.95	12.57	1476.
500	4.49	34.08	496	27.02	109.3	9.10	17.82	1476.
600	4.15	34.13	595	27.10	102.7	10.16	23.75	1476.
800	3.72	34.23	793	27.23	91.4	12.10	37.52	1478.
1000	3.29	34.34	990	27.36	80.0	13.80	53.15	1479.
1200	2.83	34.40	1188	27.44	72.0	15.32	70.10	1481.
1500	2.37	34.48	1483	27.55	62.2	17.32	97.58	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 46
53-7.0 N 133-11.8 W
MO.-7 DAY-12 PST-18.5
31
32
33
34
35
SALINITY, O/OO

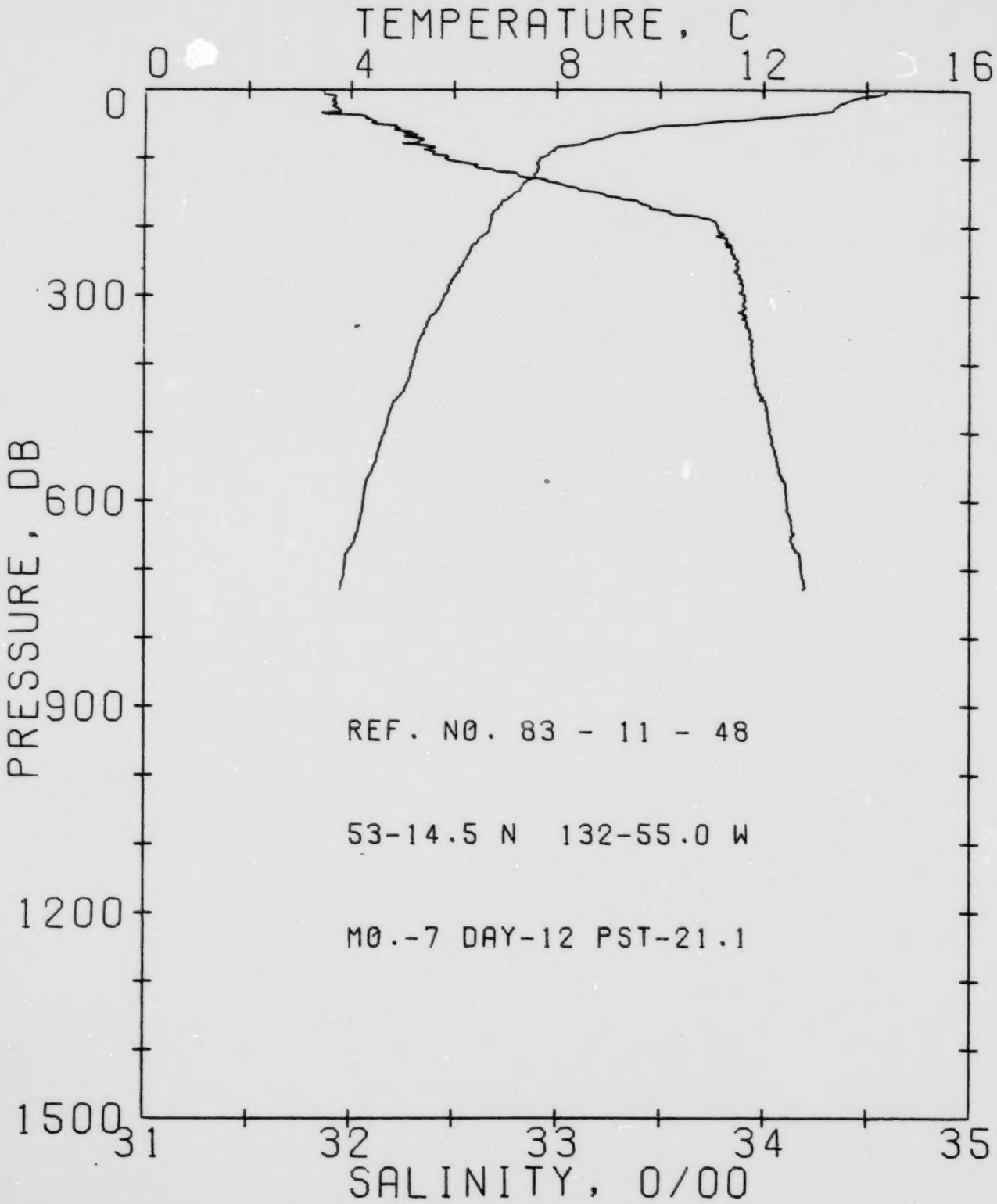
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 46 DATE 12/ 7/83
POSITION 53- 7.0N, 133-11.8W 18.5 STATION Q76
RESULTS OF STP CAST 1495 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	15.15	31.84	0	23.53	436.6	.00	.00	1504.
10	13.77	31.88	10	23.85	406.6	.43	.02	1500.
20	13.52	31.91	20	23.92	399.8	.83	.08	1499.
30	13.25	31.95	30	24.01	391.7	1.23	.18	1498.
50	10.29	32.19	50	24.74	322.5	1.96	.48	1489.
75	8.80	32.41	75	25.14	284.2	2.71	.96	1484.
100	8.05	32.59	99	25.40	260.2	3.40	1.56	1482.
125	7.38	32.87	124	25.72	230.2	4.01	2.27	1480.
150	7.35	33.39	149	26.12	192.1	4.53	3.00	1481.
175	7.21	33.74	174	26.42	164.1	4.97	3.72	1481.
200	7.02	33.84	199	26.53	154.7	5.37	4.48	1481.
225	6.49	33.85	223	26.61	147.1	5.75	5.29	1479.
250	5.99	33.90	248	26.71	137.3	6.10	6.15	1478.
300	5.50	33.95	298	26.81	128.7	6.77	8.01	1477.
400	5.10	33.98	397	26.88	122.3	8.02	12.47	1477.
500	4.68	34.05	496	26.98	113.4	9.20	17.89	1477.
600	4.34	34.10	595	27.06	106.5	10.30	24.06	1477.
800	3.73	34.23	793	27.22	92.0	12.28	38.13	1478.
1000	3.29	34.33	990	27.35	80.6	14.01	54.00	1479.
1200	2.92	34.39	1188	27.43	73.4	15.54	71.11	1481.
1500	2.33	34.49	1483	27.56	61.5	17.57	98.68	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 47
53-12.0 N 133-1.0 W
MO.-7 DAY-12 PST-20.1
31
32
33
34
35
SALINITY, O/OO

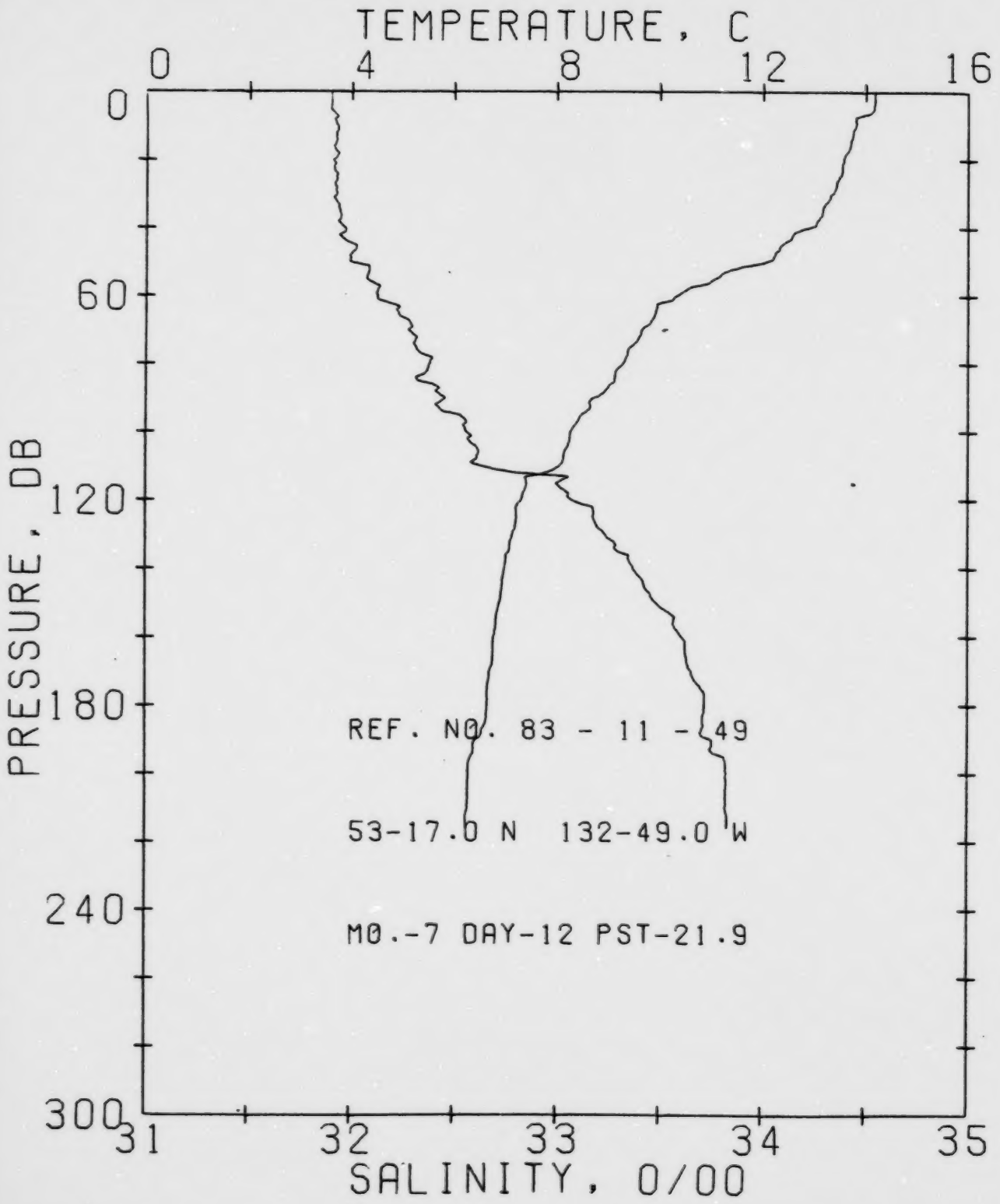
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 47 DATE 12/ 7/83
POSITION 53-12.0N, 133- 1.0W 20.1 STATION Q77
RESULTS OF STP CAST 847 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.64	31.90	0	23.69	421.9	.00	.00	1502.
10	13.74	31.92	10	23.89	402.9	.41	.02	1500.
20	13.56	31.89	20	23.90	401.8	.82	.08	1499.
30	13.36	31.82	30	23.89	403.4	1.22	.18	1499.
50	10.81	32.10	50	24.58	338.1	1.98	.49	1490.
75	8.95	32.33	75	25.06	292.2	2.76	.99	1484.
100	7.53	32.43	99	25.35	265.1	3.46	1.61	1479.
125	7.40	32.90	124	25.73	228.7	4.07	2.31	1480.
150	7.00	33.50	149	26.26	178.8	4.58	3.03	1480.
175	6.82	33.71	174	26.45	161.6	5.01	3.73	1479.
200	6.66	33.79	199	26.54	153.5	5.41	4.49	1479.
225	6.62	33.85	223	26.59	148.7	5.78	5.30	1480.
250	6.33	33.86	248	26.63	145.0	6.15	6.20	1479.
300	5.90	33.90	298	26.72	137.0	6.86	8.17	1478.
400	5.18	33.96	397	26.86	124.8	8.17	12.82	1477.
500	4.67	34.02	496	26.96	115.3	9.36	18.31	1477.
600	4.30	34.10	595	27.06	106.2	10.46	24.45	1477.
800	3.64	34.24	793	27.24	89.8	12.40	38.23	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 48
53-14.5 N 132-55.0 W
MO.-7 DAY-12 PST-21.1
31
32
33
34
35
SALINITY, O/OO

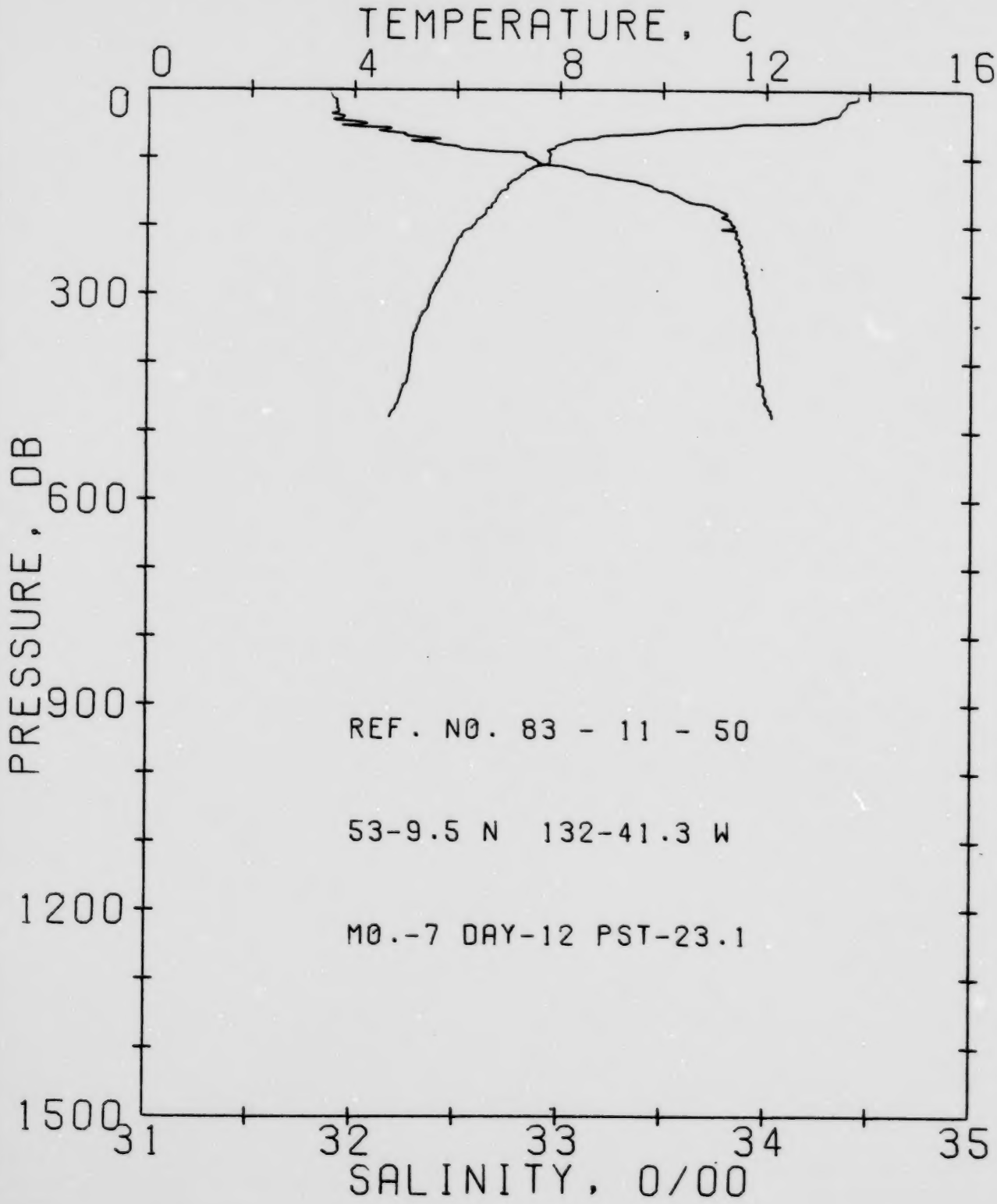
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 48 DATE 12/ 7/83
POSITION 53-14.5N, 132-55.0W 21.1 STATION Q78
RESULTS OF STP CAST 730 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.37	31.85	0	23.71	419.9	.00	.00	1502.
10	13.87	31.91	10	23.86	405.8	.42	.02	1500.
20	13.48	31.93	20	23.94	397.7	.82	.08	1499.
30	13.35	31.95	30	23.99	393.9	1.21	.18	1499.
50	10.53	32.13	50	24.65	331.4	1.94	.48	1489.
75	8.62	32.34	75	25.12	286.6	2.69	.96	1483.
100	7.68	32.45	99	25.35	265.1	3.38	1.57	1480.
125	7.57	32.82	124	25.65	236.9	4.01	2.28	1480.
150	7.18	33.22	149	26.02	202.2	4.56	3.05	1480.
175	6.80	33.53	174	26.31	174.6	5.03	3.83	1479.
200	6.70	33.78	199	26.52	154.9	5.43	4.60	1480.
225	6.37	33.85	223	26.62	145.9	5.81	5.43	1479.
250	6.21	33.88	248	26.66	142.1	6.18	6.30	1478.
300	5.82	33.91	298	26.74	135.2	6.87	8.25	1478.
400	5.21	33.95	397	26.84	126.1	8.18	12.90	1477.
500	4.66	34.03	496	26.97	114.8	9.38	18.40	1476.
600	4.26	34.11	595	27.08	104.8	10.48	24.53	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 49
53-17.0 N 132-49.0 W
MO.-7 DAY-12 PST-21.9
31
32
33
34
35
SALINITY, O/OO

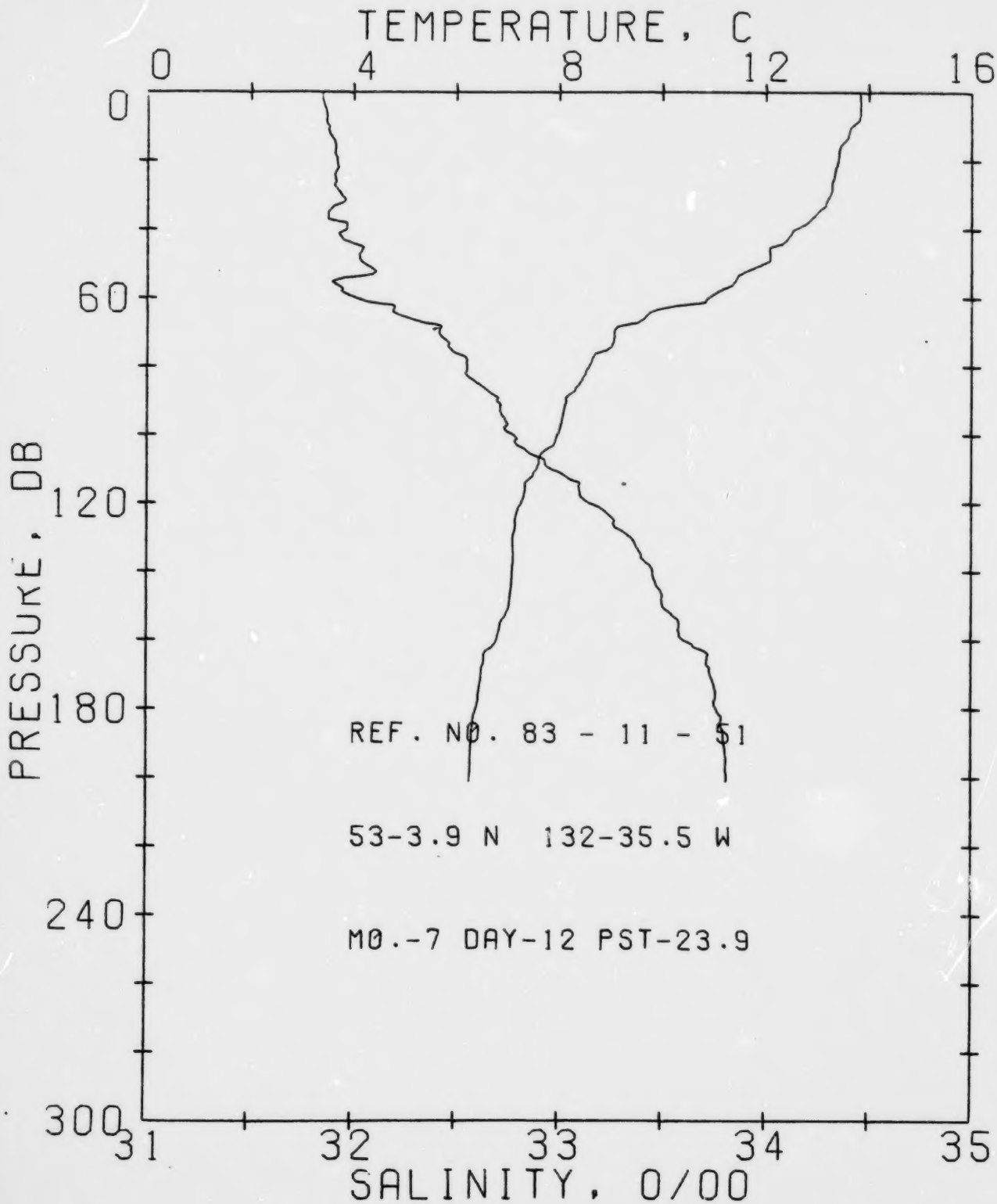
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 49 DATE 12/ 7/83
POSITION 53-17.0N, 132-49.0W 21.9 STATION Q79
RESULTS OF STP CAST 217 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.19	31.90	0	23.78	412.7	.00	.00	1501.
10	13.82	31.93	10	23.88	403.4	.41	.02	1500.
20	13.58	31.91	20	23.91	401.0	.81	.08	1499.
30	13.34	31.93	30	23.98	395.0	1.21	.18	1499.
50	12.03	31.99	50	24.28	366.7	1.97	.49	1495.
75	9.40	32.32	75	24.98	299.9	2.78	1.01	1486.
100	8.27	32.56	99	25.34	265.4	3.49	1.64	1482.
125	7.22	33.17	124	25.97	205.8	4.08	2.31	1480.
150	6.89	33.49	149	26.26	178.6	4.56	2.98	1479.
175	6.66	33.70	174	26.47	159.8	4.98	3.67	1479.
200	6.29	33.82	199	26.61	146.3	5.37	4.41	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 50
53-9.5 N 132-41.3 W
MO.-7 DAY-12 PST-23.1
31
32
33
34
35
SALINITY, O/OO

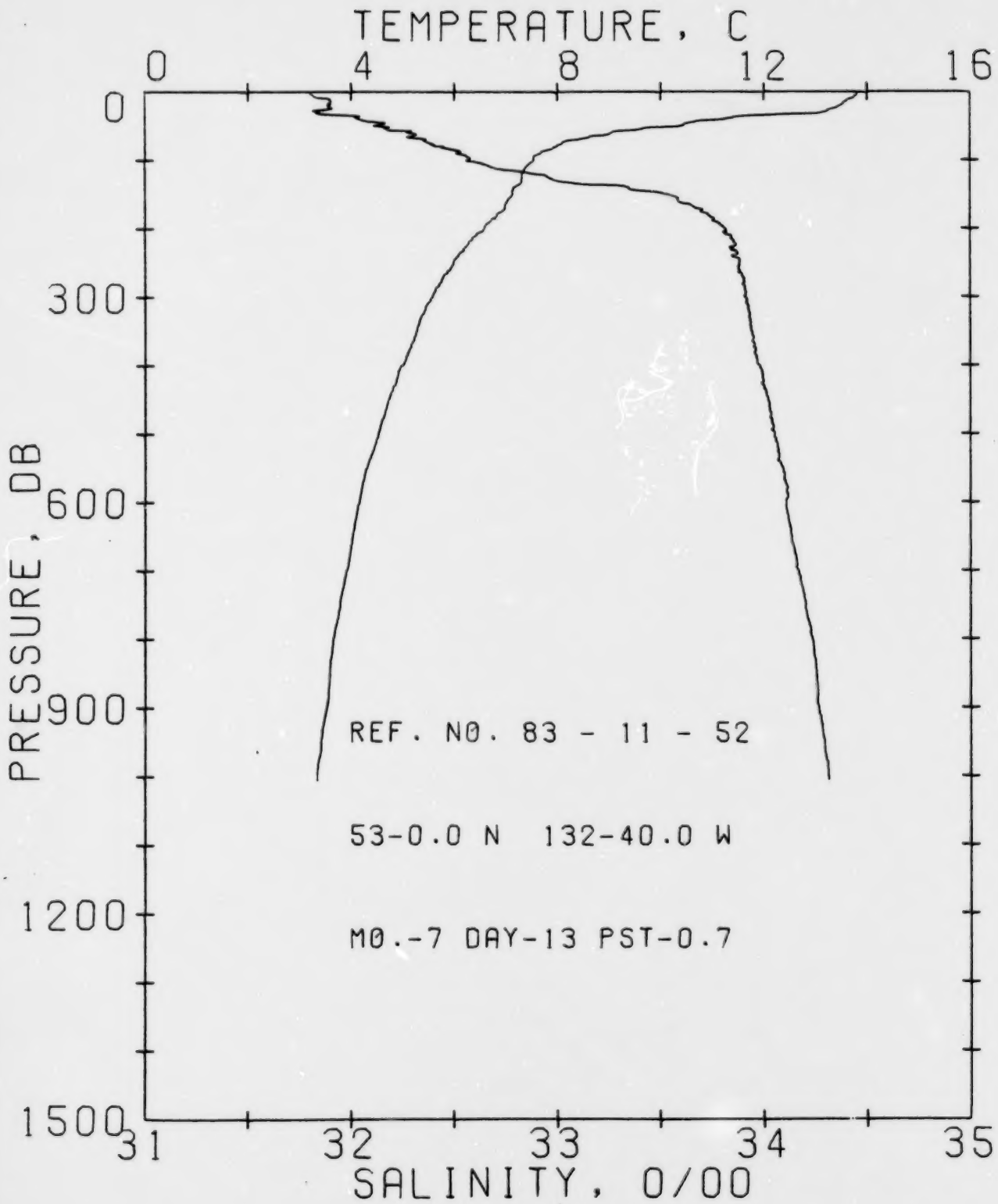
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 50 DATE 12/ 7/83
POSITION 53- 9.5N, 132-41.3W 23.1 STATION Q80
RESULTS OF STP CAST 480 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.79	31.89	0	23.85	406.2	.00	.00	1500.
10	13.79	31.90	10	23.86	405.5	.41	.02	1500.
20	13.55	31.91	20	23.92	400.1	.81	.08	1499.
30	13.43	31.93	30	23.96	396.8	1.21	.18	1499.
50	11.43	32.05	50	24.43	352.4	1.98	.50	1493.
75	8.20	32.29	75	25.15	283.8	2.76	.99	1481.
100	7.79	32.87	99	25.66	235.4	3.40	1.56	1481.
125	7.23	33.21	124	26.00	203.5	3.95	2.19	1480.
150	6.83	33.55	149	26.33	172.8	4.42	2.84	1479.
175	6.56	33.78	174	26.54	152.7	4.83	3.52	1479.
200	6.30	33.85	199	26.63	144.5	5.20	4.23	1478.
225	6.00	33.88	223	26.69	139.1	5.56	5.00	1477.
250	5.85	33.89	248	26.71	136.9	5.90	5.84	1477.
300	5.49	33.93	298	26.79	129.9	6.57	7.71	1476.
400	5.09	33.97	397	26.87	123.2	7.83	12.19	1477.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 51
53-3.9 N 132-35.5 W
MO.-7 DAY-12 PST-23.9
31
32
33
34
35
SALINITY, O/OO

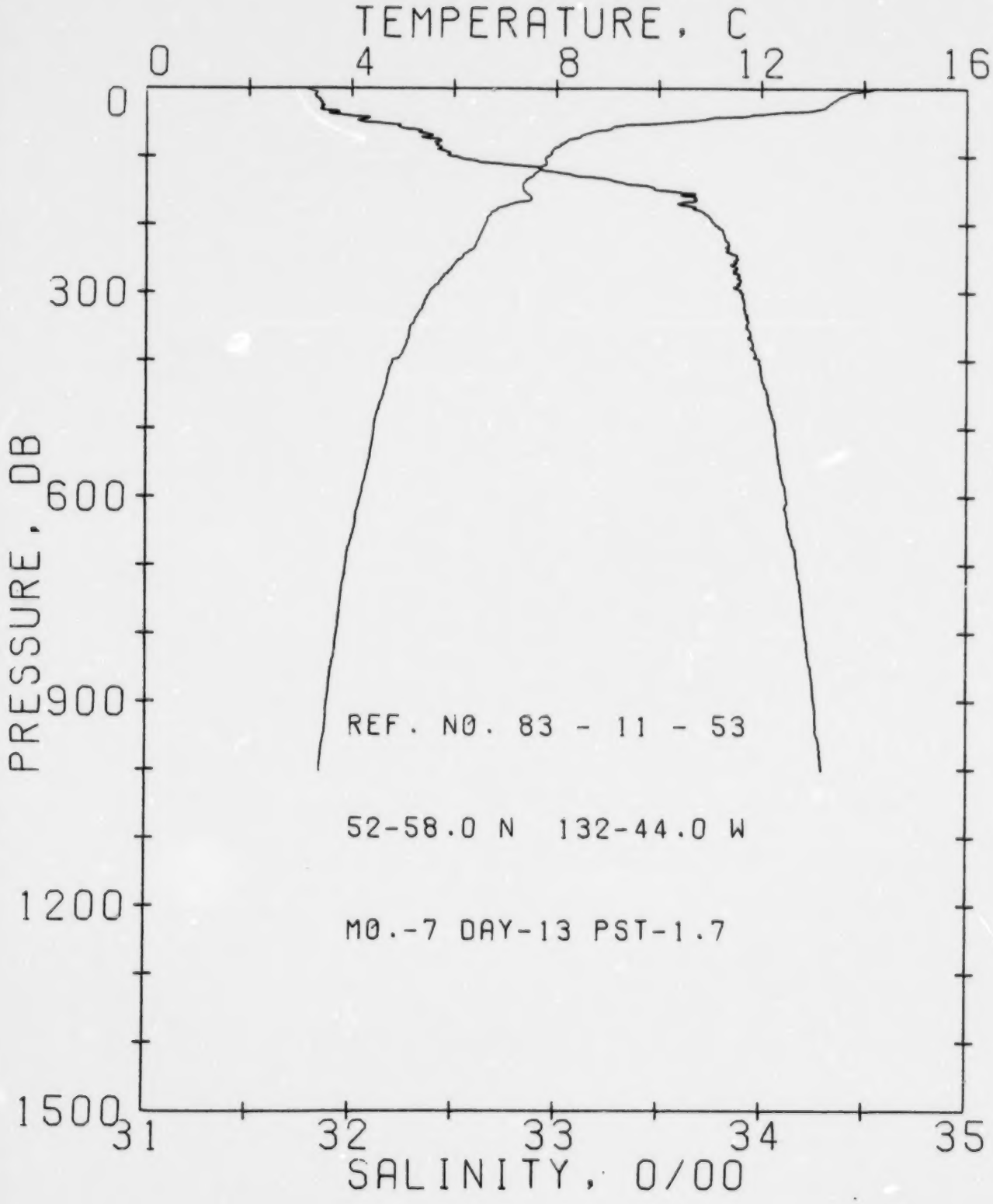
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 51 DATE 12/ 7/83
POSITION 53- 3.9N, 132-35.5W 23.9 STATION Q11
RESULTS OF STP CAST 202 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.84	31.85	0	23.81	409.7	.00	.00	1500.
10	13.66	31.88	10	23.88	403.9	.41	.02	1499.
20	13.42	31.92	20	23.95	396.9	.81	.08	1499.
30	13.26	31.94	30	24.00	392.4	1.20	.18	1498.
50	11.95	32.06	50	24.34	360.5	1.96	.49	1494.
75	8.95	32.48	75	25.18	281.1	2.77	1.00	1484.
100	7.97	32.78	99	25.56	244.6	3.42	1.58	1482.
125	7.15	33.27	124	26.06	197.4	3.97	2.21	1479.
150	7.05	33.50	149	26.26	179.3	4.44	2.86	1480.
175	6.45	33.76	174	26.54	152.5	4.85	3.53	1478.
200	6.27	33.82	199	26.61	146.7	5.22	4.25	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 52
53-0.0 N 132-40.0 W
MO.-7 DAY-13 PST-0.7
31
32
33
34
35
SALINITY, O/OO

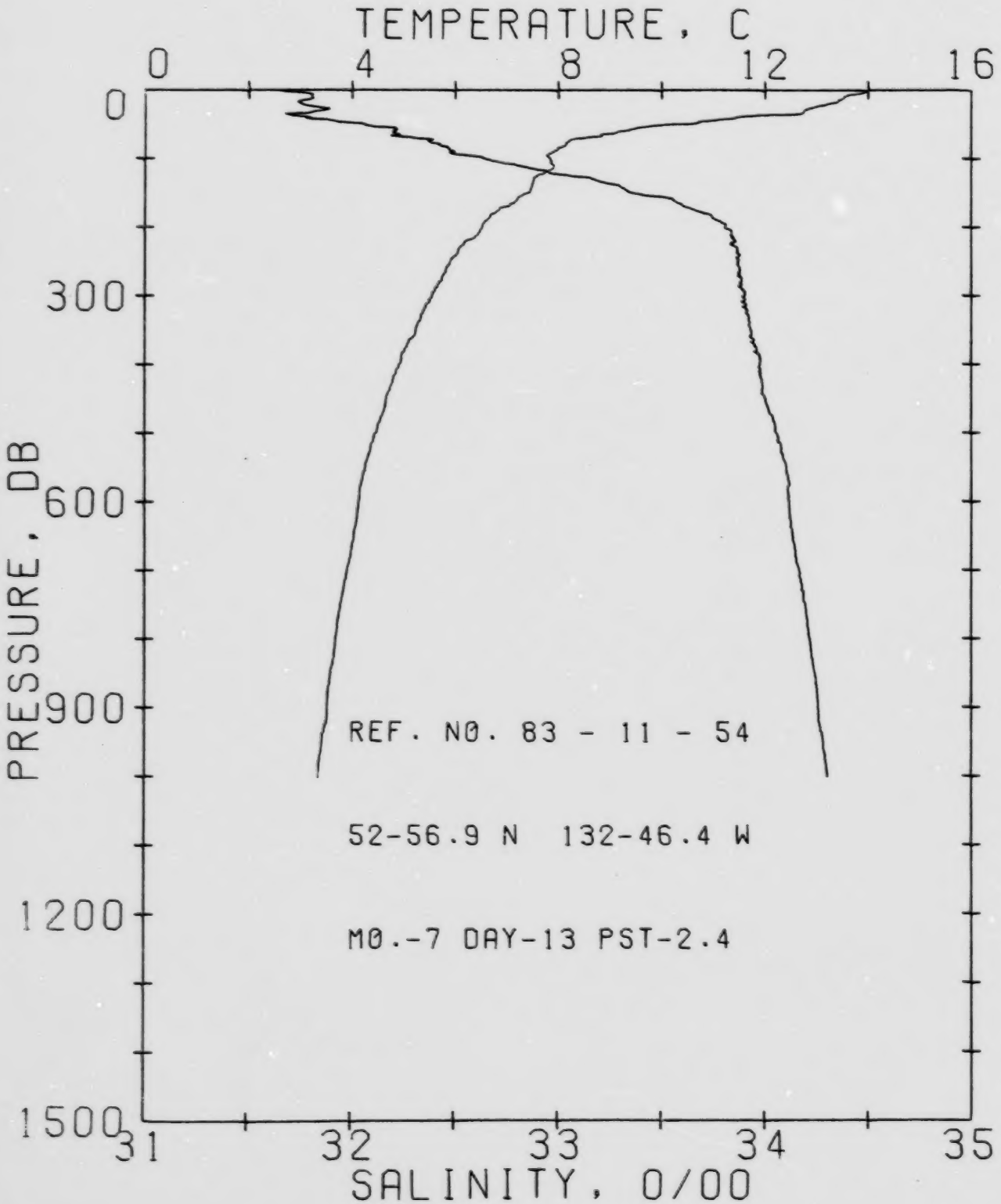
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 52 DATE 13/ 7/83
POSITION 53- .0N, 132-40.0W .7 STATION Q10
RESULTS OF STP CAST 1006 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.82	31.81	0	23.78	412.6	.00	.00	1500.
10	13.65	31.90	10	23.89	402.6	.41	.02	1499.
20	13.47	31.88	20	23.91	400.6	.81	.08	1499.
30	13.11	31.83	30	23.94	398.4	1.21	.18	1498.
50	10.35	32.12	50	24.67	328.8	1.91	.47	1489.
75	8.12	32.39	75	25.23	275.6	2.65	.93	1481.
100	7.55	32.55	99	25.44	255.9	3.30	1.52	1480.
125	7.32	32.96	124	25.79	223.1	3.90	2.20	1480.
150	7.14	33.54	149	26.27	178.0	4.40	2.90	1480.
175	6.92	33.69	174	26.42	164.1	4.83	3.60	1480.
200	6.59	33.82	199	26.57	150.6	5.22	4.35	1479.
225	6.26	33.86	223	26.64	143.6	5.58	5.14	1478.
250	6.00	33.88	248	26.69	139.1	5.94	6.00	1478.
300	5.56	33.92	298	26.78	131.5	6.61	7.89	1477.
400	4.97	33.99	397	26.90	120.5	7.88	12.40	1476.
500	4.53	34.06	496	27.00	111.3	9.04	17.71	1476.
600	4.15	34.11	595	27.08	104.1	10.11	23.69	1476.
800	3.65	34.23	793	27.24	90.7	12.06	37.57	1477.
1000	3.33	34.31	990	27.33	82.8	13.80	53.48	1479.


TEMPERATURE, C
0
4
8
12
16
PRESSURE, DB
0
300
600
900
1200
1500
REF. NO. 83 - 11 - 53
52-58.0 N 132-44.0 W
MO.-7 DAY-13 PST-1.7
31
32
33
34
35
SALINITY, O/OO

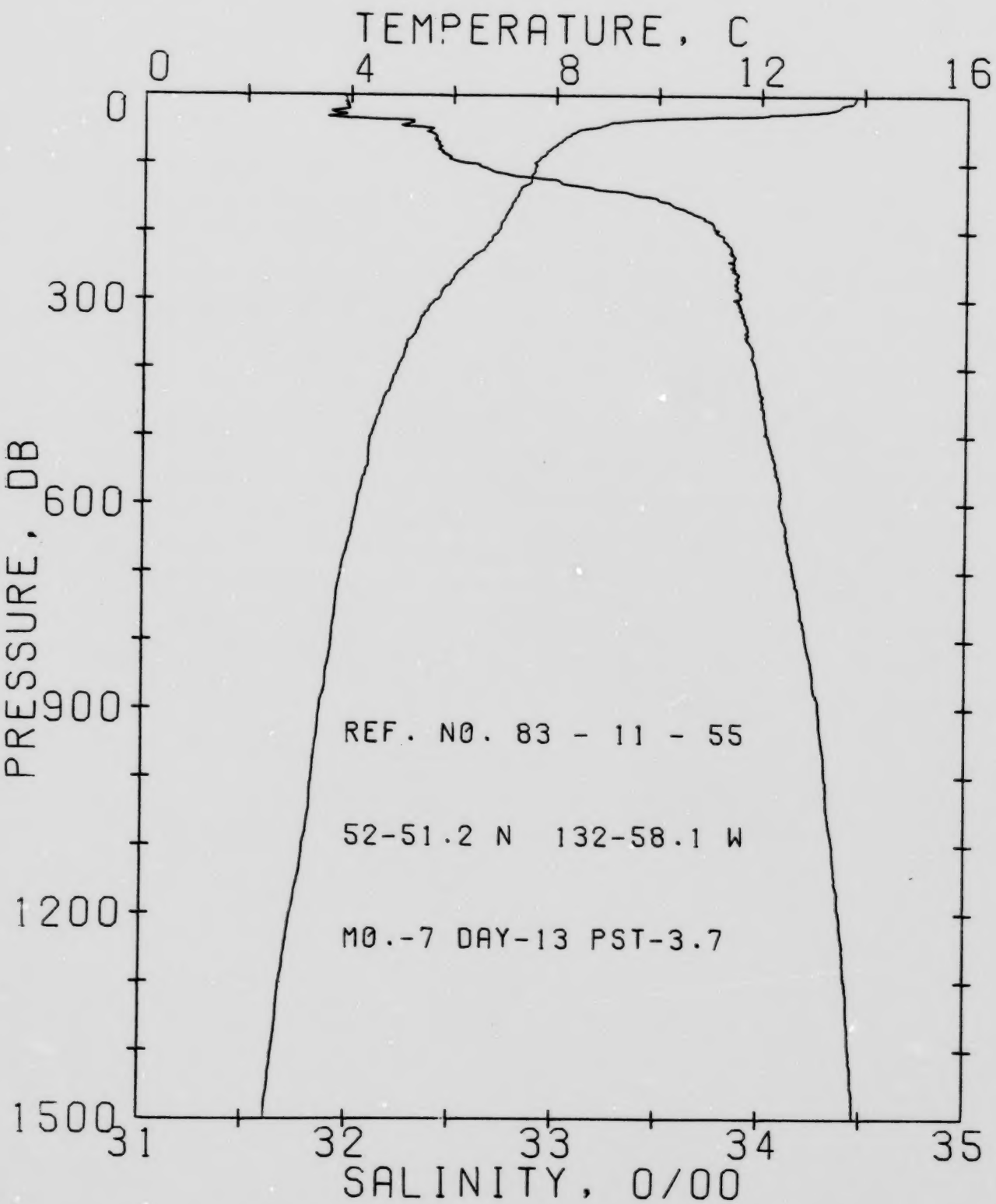
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 53 DATE 13/ 7/83
POSITION 52-58.0N, 132-44.0W 1.7 STATION Q 9
RESULTS OF STP CAST 1003 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.18	31.79	0	23.70	420.9	.00	.00	1501.
10	13.60	31.82	10	23.84	407.8	.41	.02	1499.
20	13.39	31.85	20	23.90	401.9	.82	.08	1499.
30	13.11	31.86	30	23.96	396.0	1.22	.18	1498.
50	10.27	32.11	50	24.68	328.0	1.94	.48	1489.
75	8.25	32.44	75	25.25	273.6	2.67	.94	1482.
100	7.79	32.52	99	25.38	261.6	3.34	1.54	1481.
125	7.58	33.08	124	25.85	217.9	3.95	2.23	1481.
150	7.36	33.54	149	26.24	180.9	4.44	2.92	1481.
175	6.87	33.67	174	26.42	164.6	4.87	3.64	1480.
200	6.63	33.78	199	26.53	154.1	5.27	4.39	1479.
225	6.45	33.84	223	26.60	147.5	5.65	5.21	1479.
250	6.15	33.89	248	26.68	140.3	6.01	6.09	1478.
300	5.54	33.90	298	26.76	132.6	6.70	8.00	1477.
400	4.81	34.00	397	26.92	118.0	7.96	12.50	1475.
500	4.45	34.07	496	27.02	109.3	9.10	17.71	1476.
600	4.18	34.12	595	27.09	103.4	10.16	23.69	1476.
800	3.72	34.21	793	27.21	92.9	12.12	37.59	1478.
1000	3.39	34.30	990	27.31	84.6	13.89	53.78	1480.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 54
52-56.9 N 132-46.4 W
MO.-7 DAY-13 PST-2.4
31
32
33
34
35
SALINITY, O/OO

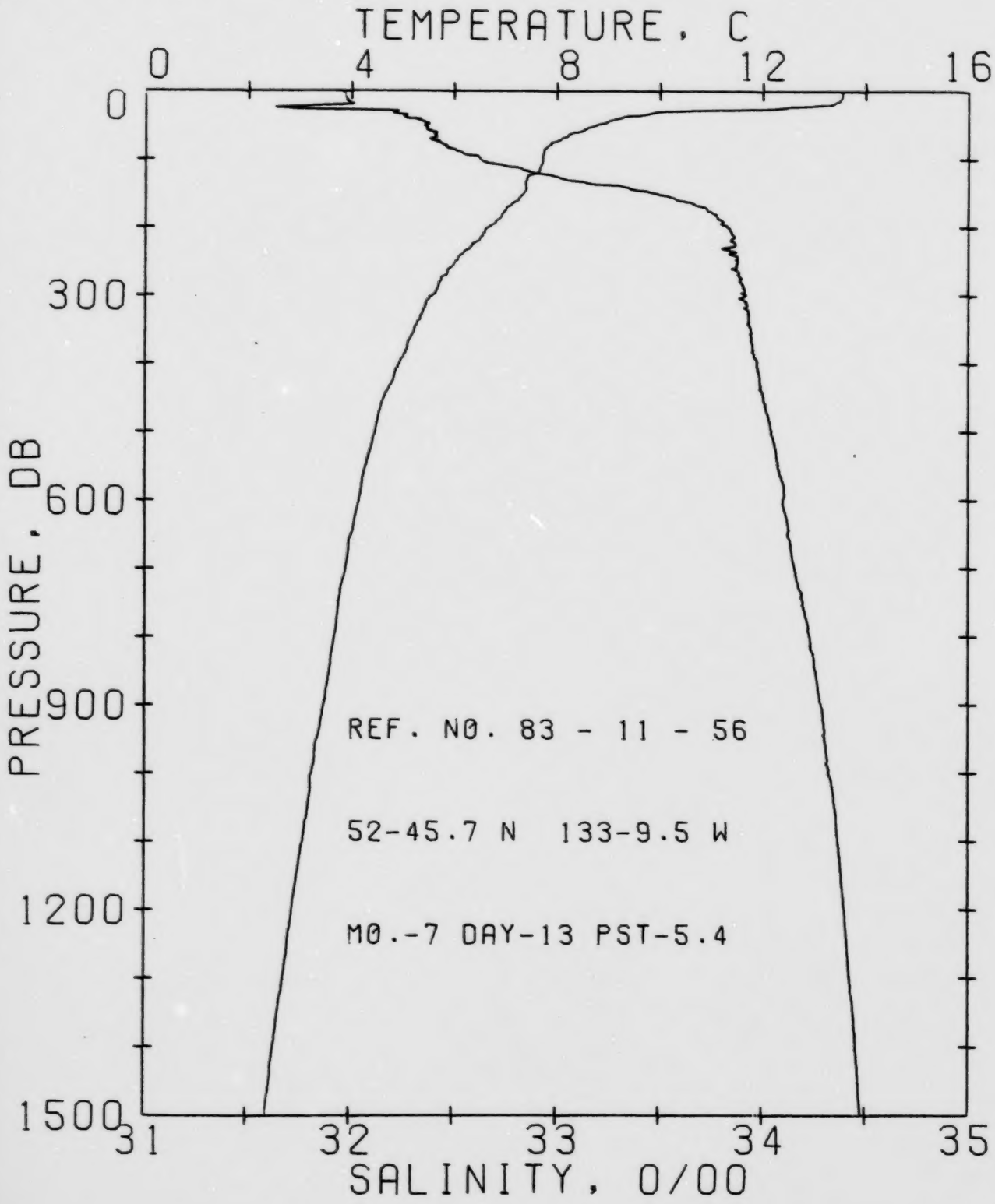
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 54 DATE 13/ 7/83
POSITION 52-56.9N, 132-46.4W 2.4 STATION Q 8
RESULTS OF STP CAST 1002 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.97	31.66	0	23.64	426.3	.00	.00	1500.
10	13.56	31.81	10	23.84	407.7	.41	.02	1499.
20	13.22	31.76	20	23.87	404.9	.82	.08	1498.
30	12.78	31.82	30	24.00	392.9	1.22	.18	1497.
50	10.09	32.07	50	24.68	328.3	1.95	.48	1488.
75	8.21	32.37	75	25.20	278.4	2.70	.96	1482.
100	7.84	32.65	99	25.48	252.6	3.37	1.55	1481.
125	7.60	33.08	124	25.85	217.6	3.96	2.23	1481.
150	7.39	33.37	149	26.10	194.0	4.47	2.94	1481.
175	6.87	33.67	174	26.41	164.8	4.91	3.67	1480.
200	6.54	33.81	199	26.56	150.8	5.30	4.41	1479.
225	6.18	33.84	223	26.63	144.4	5.67	5.20	1478.
250	5.92	33.87	248	26.69	139.0	6.02	6.05	1477.
300	5.56	33.90	298	26.76	132.7	6.70	7.96	1477.
400	4.93	33.98	397	26.90	120.7	7.97	12.47	1476.
500	4.45	34.06	496	27.01	110.0	9.13	17.78	1476.
600	4.14	34.12	595	27.09	103.1	10.18	23.69	1476.
800	3.69	34.22	793	27.22	92.1	12.14	37.59	1478.
1000	3.35	34.30	990	27.32	83.6	13.89	53.67	1480.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 55
52-51.2 N 132-58.1 W
MO.-7 DAY-13 PST-3.7
31
32
33
34
35
SALINITY, O/OO

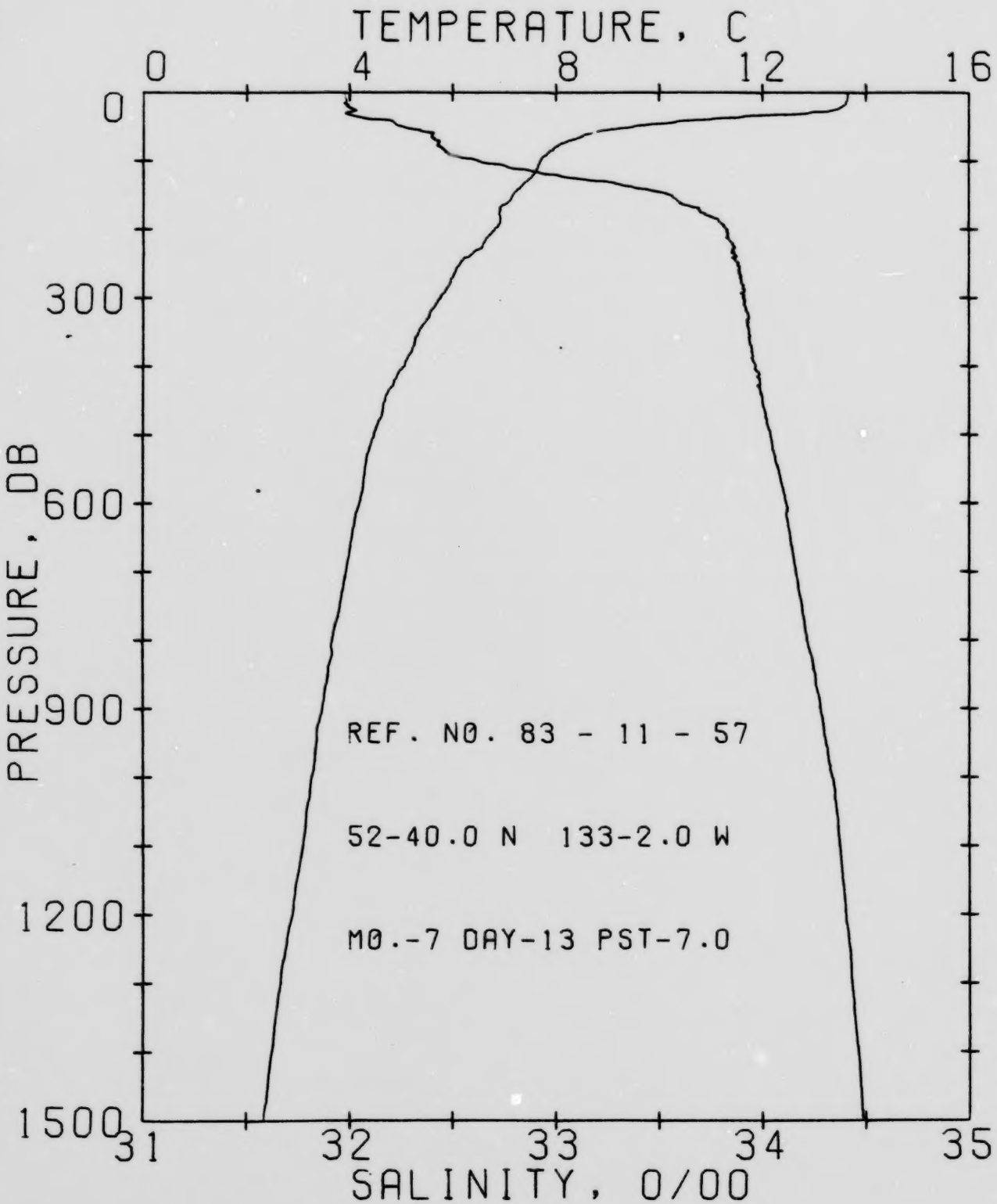
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 55 DATE 13/ 7/83
POSITION 52-51.2N, 132-58.1W 3.7 STATION Q81
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.84	31.97	0	23.90	401.2	.00	.00	1500.
10	13.79	31.97	10	23.91	400.4	.40	.02	1500.
20	13.38	31.99	20	24.01	391.2	.79	.08	1499.
30	11.16	31.91	30	24.37	357.5	1.18	.18	1491.
50	8.46	32.39	50	25.18	280.2	1.79	.42	1482.
75	7.95	32.45	75	25.30	269.1	2.47	.86	1481.
100	7.61	32.62	99	25.48	252.2	3.13	1.45	1480.
125	7.55	33.02	124	25.81	221.5	3.74	2.14	1481.
150	7.24	33.50	149	26.23	182.3	4.24	2.85	1480.
175	7.04	33.70	174	26.41	165.3	4.68	3.57	1480.
200	6.89	33.79	199	26.50	157.1	5.08	4.33	1480.
225	6.64	33.86	223	26.59	148.3	5.46	5.16	1480.
250	6.21	33.87	248	26.66	142.6	5.82	6.03	1479.
300	5.66	33.89	298	26.74	135.0	6.52	7.97	1477.
400	4.95	33.98	397	26.89	121.0	7.79	12.50	1476.
500	4.41	34.04	496	27.00	110.9	8.95	17.81	1475.
600	4.15	34.10	595	27.07	105.0	10.02	23.83	1476.
800	3.67	34.23	793	27.23	91.5	11.97	37.70	1478.
1000	3.31	34.32	990	27.34	81.8	13.69	53.40	1479.
1200	2.91	34.39	1188	27.43	73.2	15.25	70.84	1481.
1500	2.45	34.47	1483	27.53	64.2	17.31	98.99	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 56
52-45.7 N 133-9.5 W
MO.-7 DAY-13 PST-5.4
31
32
33
34
35
SALINITY, O/OO

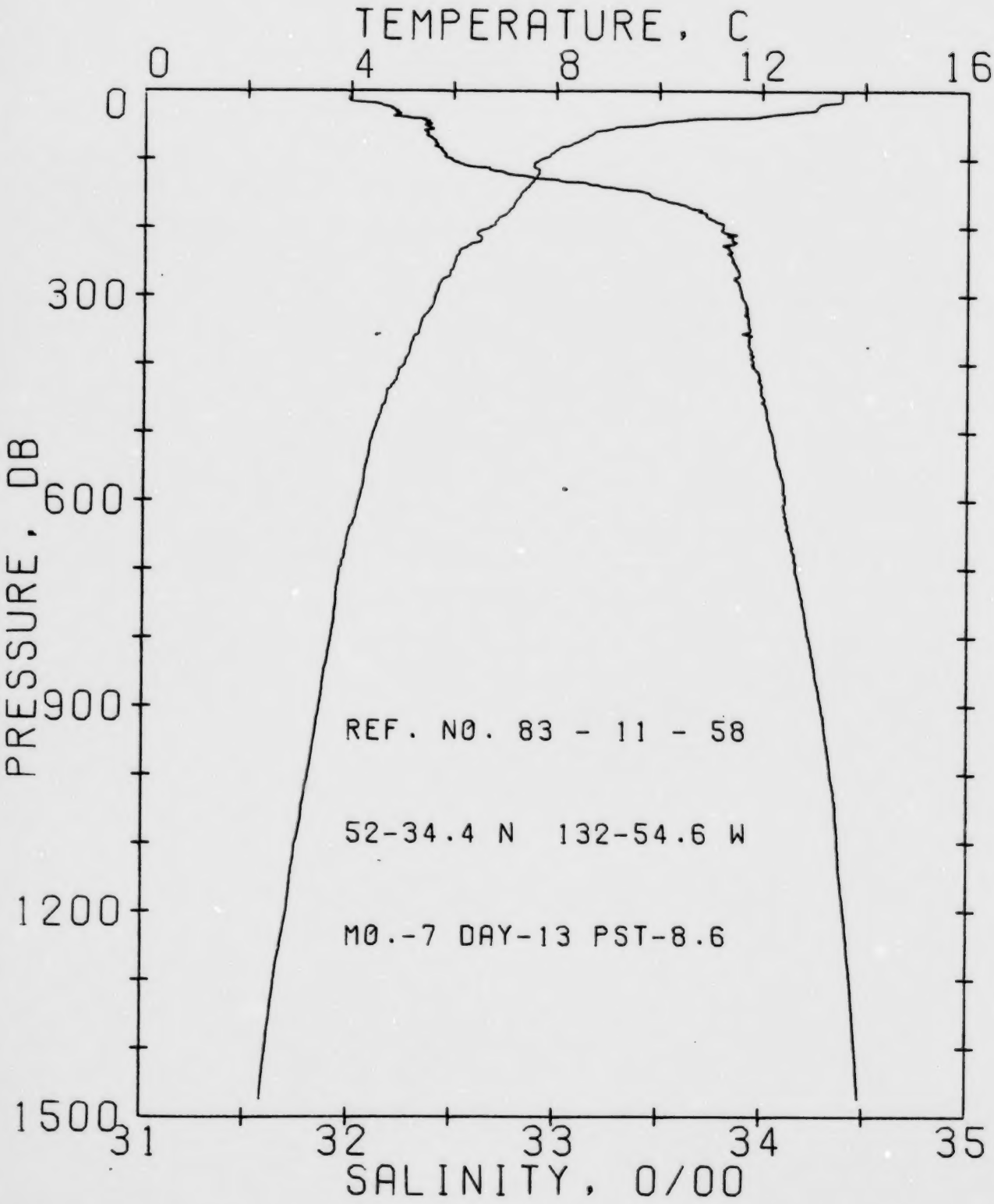
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 56 DATE 13/ 7/83
POSITION 52-45.7N, 133- 9.5W 5.4 STATION Q82
RESULTS OF STP CAST 1498 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.56	31.96	0	23.96	396.0	.00	.00	1499.
10	13.54	31.98	10	23.97	394.7	.40	.02	1499.
20	13.16	31.88	20	23.97	395.4	.79	.08	1498.
30	9.94	32.23	30	24.82	314.0	1.16	.17	1487.
50	8.74	32.35	50	25.11	287.1	1.75	.42	1483.
75	7.90	32.44	75	25.30	268.9	2.45	.86	1480.
100	7.74	32.63	99	25.48	252.8	3.10	1.44	1480.
125	7.43	33.01	124	25.82	220.5	3.70	2.12	1480.
150	7.36	33.49	149	26.21	184.2	4.20	2.83	1481.
175	7.02	33.73	174	26.44	162.2	4.63	3.53	1480.
200	6.65	33.84	199	26.57	149.8	5.02	4.28	1479.
225	6.36	33.87	223	26.64	144.3	5.39	5.08	1479.
250	6.03	33.88	248	26.69	139.5	5.75	5.94	1478.
300	5.58	33.91	298	26.77	132.1	6.43	7.85	1477.
400	4.94	33.97	397	26.89	121.3	7.69	12.36	1476.
500	4.47	34.05	496	27.00	111.4	8.86	17.67	1476.
600	4.17	34.10	595	27.08	104.9	9.93	23.69	1476.
800	3.69	34.23	793	27.23	91.1	11.89	37.61	1478.
1000	3.24	34.32	990	27.35	80.9	13.60	53.30	1479.
1200	2.87	34.40	1188	27.44	72.2	15.13	70.35	1481.
1500	2.38	34.48	1483	27.55	62.5	17.15	97.93	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 57
52-40.0 N 133-2.0 W
MO.-7 DAY-13 PST-7.0
31
32
33
34
35
SALINITY, O/OO

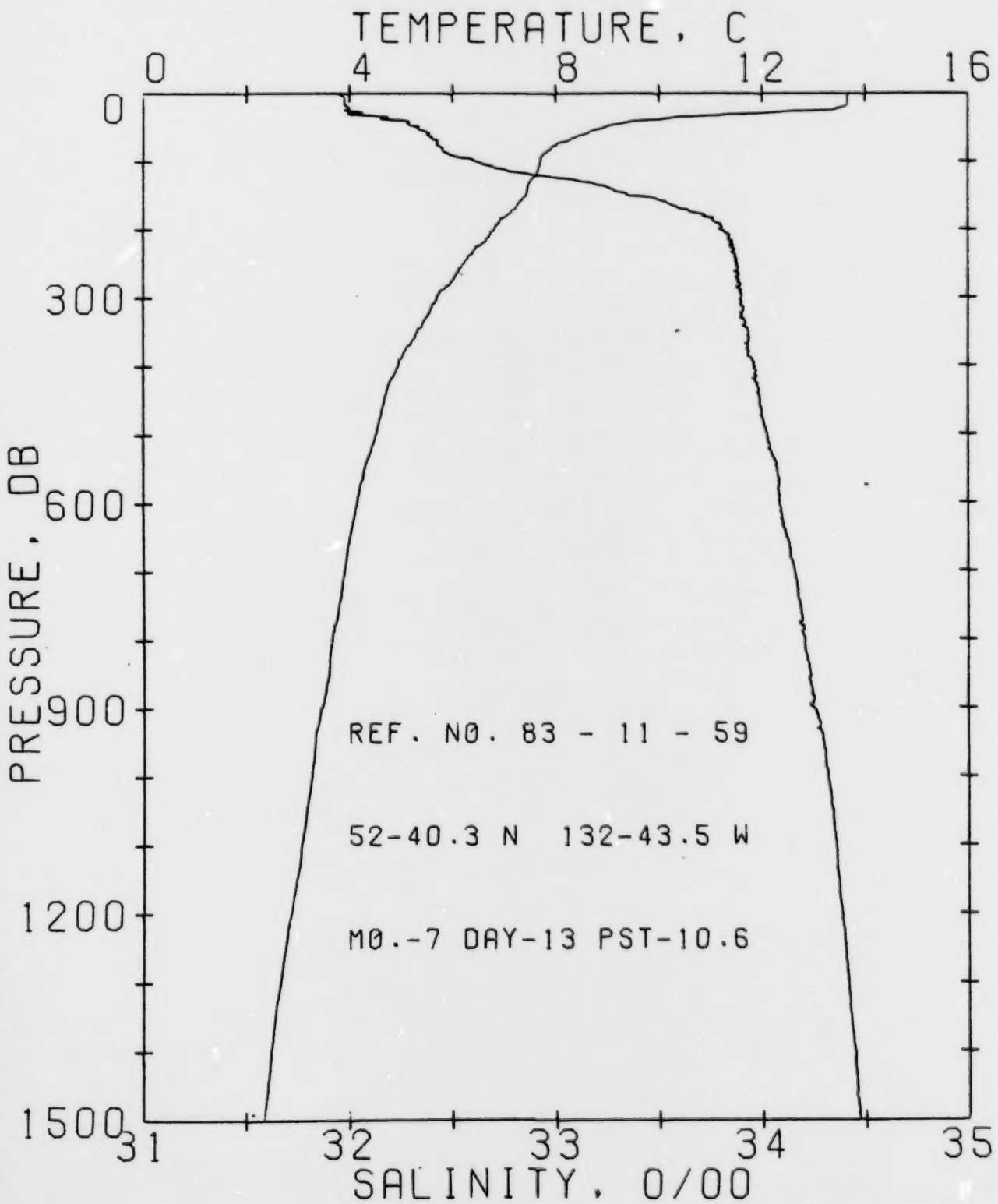
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 57 DATE 13/ 7/83
POSITION 52-40.0N, 133- 2.0W 7.0 STATION Q83
RESULTS OF STP CAST 1498 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.66	31.98	0	23.95	396.7	.00	.00	1499.
10	13.65	31.99	10	23.96	396.4	.40	.02	1499.
20	13.56	31.98	20	23.97	395.0	.79	.08	1499.
30	12.92	31.98	30	24.09	383.8	1.18	.18	1497.
50	9.52	32.26	50	24.92	305.2	1.86	.45	1486.
75	8.10	32.43	75	25.27	272.5	2.56	.90	1481.
100	7.72	32.64	99	25.48	252.1	3.23	1.49	1480.
125	7.53	33.10	124	25.87	215.4	3.81	2.16	1481.
150	7.18	33.56	149	26.29	176.6	4.30	2.84	1480.
175	6.91	33.71	174	26.44	162.8	4.72	3.54	1480.
200	6.83	33.83	199	26.55	152.6	5.11	4.29	1480.
225	6.60	33.86	223	26.60	147.9	5.49	5.10	1480.
250	6.16	33.88	248	26.67	141.1	5.85	5.98	1478.
300	5.77	33.90	298	26.74	135.1	6.54	7.90	1478.
400	5.07	33.97	397	26.88	122.8	7.83	12.48	1476.
500	4.49	34.04	496	26.99	112.0	9.00	17.84	1476.
600	4.20	34.12	595	27.09	104.0	10.07	23.87	1476.
800	3.67	34.21	793	27.22	92.5	12.04	37.86	1477.
1000	3.27	34.33	990	27.35	80.5	13.76	53.59	1479.
1200	2.89	34.40	1188	27.44	72.4	15.28	70.62	1481.
1500	2.33	34.48	1483	27.55	61.7	17.29	98.05	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 58
52-34.4 N 132-54.6 W
MO.-7 DAY-13 PST-8.6
31
32
33
34
35
SALINITY, O/OO

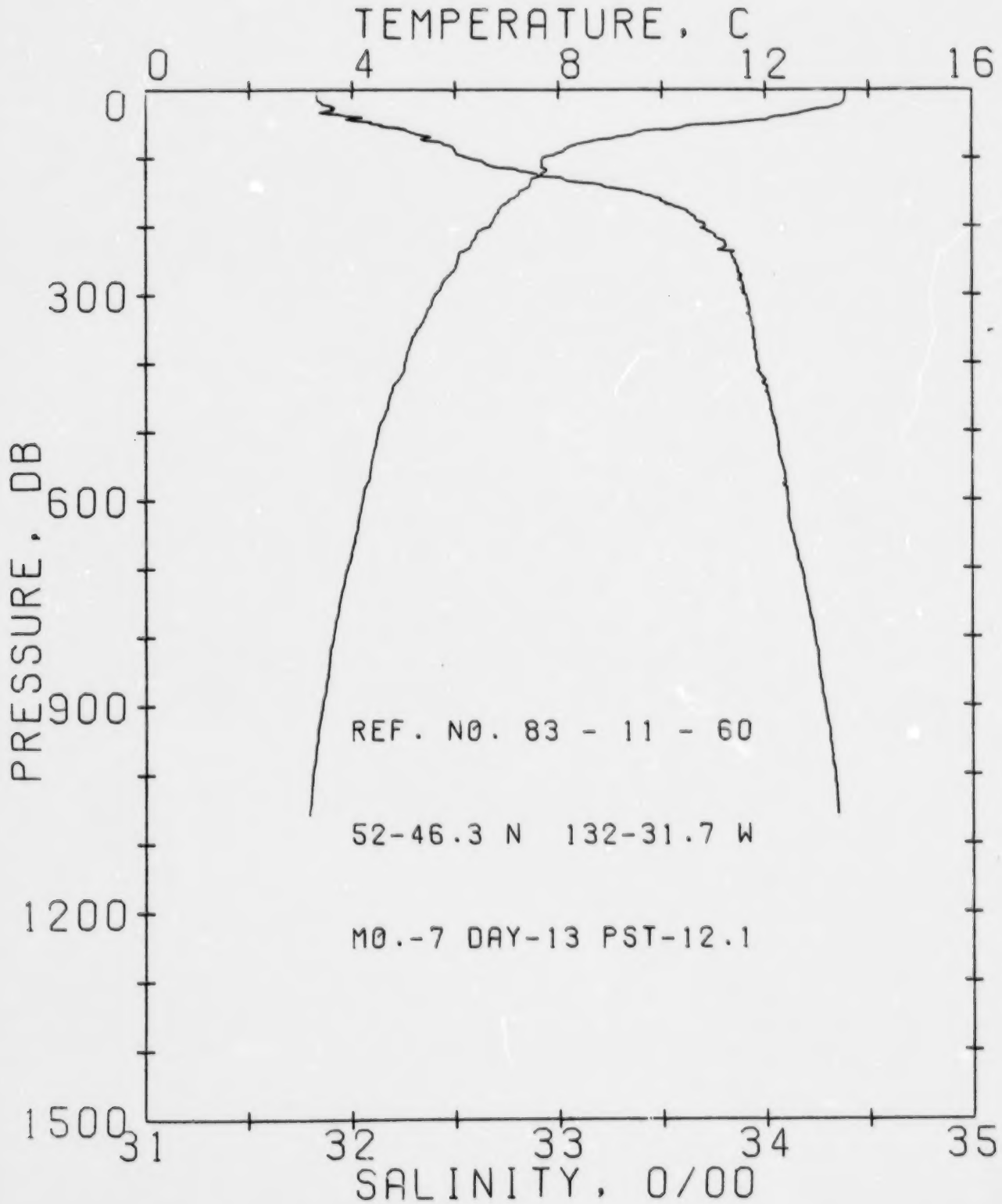
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 58 DATE 13/ 7/83
POSITION 52-34.4N, 132-54.6W 8.6 STATION Q84
RESULTS OF STP CAST 1475 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.56	31.99	0	23.98	394.2	.00	.00	1499.
10	13.56	31.99	10	23.98	394.5	.39	.02	1499.
20	13.12	32.15	20	24.19	374.3	.78	.08	1498.
30	12.68	32.23	30	24.34	360.4	1.15	.17	1497.
50	9.80	32.35	50	24.95	302.7	1.81	.44	1487.
75	8.38	32.41	75	25.21	277.9	2.52	.89	1482.
100	7.71	32.50	99	25.38	262.3	3.20	1.49	1480.
125	7.64	32.87	124	25.68	233.8	3.83	2.21	1481.
150	7.33	33.46	149	26.18	186.5	4.35	2.94	1481.
175	7.11	33.70	174	26.40	166.1	4.79	3.67	1481.
200	6.72	33.81	199	26.54	153.2	5.19	4.43	1480.
225	6.34	33.80	223	26.59	148.7	5.56	5.23	1479.
250	6.05	33.86	248	26.67	141.4	5.92	6.10	1478.
300	5.65	33.90	298	26.75	133.7	6.60	8.02	1477.
400	5.07	33.95	397	26.86	124.5	7.88	12.58	1476.
500	4.46	34.05	496	27.01	110.6	9.05	17.91	1476.
600	4.18	34.12	595	27.09	103.8	10.12	23.91	1476.
800	3.65	34.24	793	27.24	90.5	12.06	37.71	1477.
1000	3.21	34.34	990	27.36	79.4	13.75	53.20	1479.
1200	2.82	34.41	1188	27.45	71.4	15.26	70.00	1481.
1500	2.32	34.46	1483	27.54	63.1	17.27	97.56	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 59
52-40.3 N 132-43.5 W
MO.-7 DAY-13 PST-10.6
31
32
33
34
35
SALINITY, O/OO

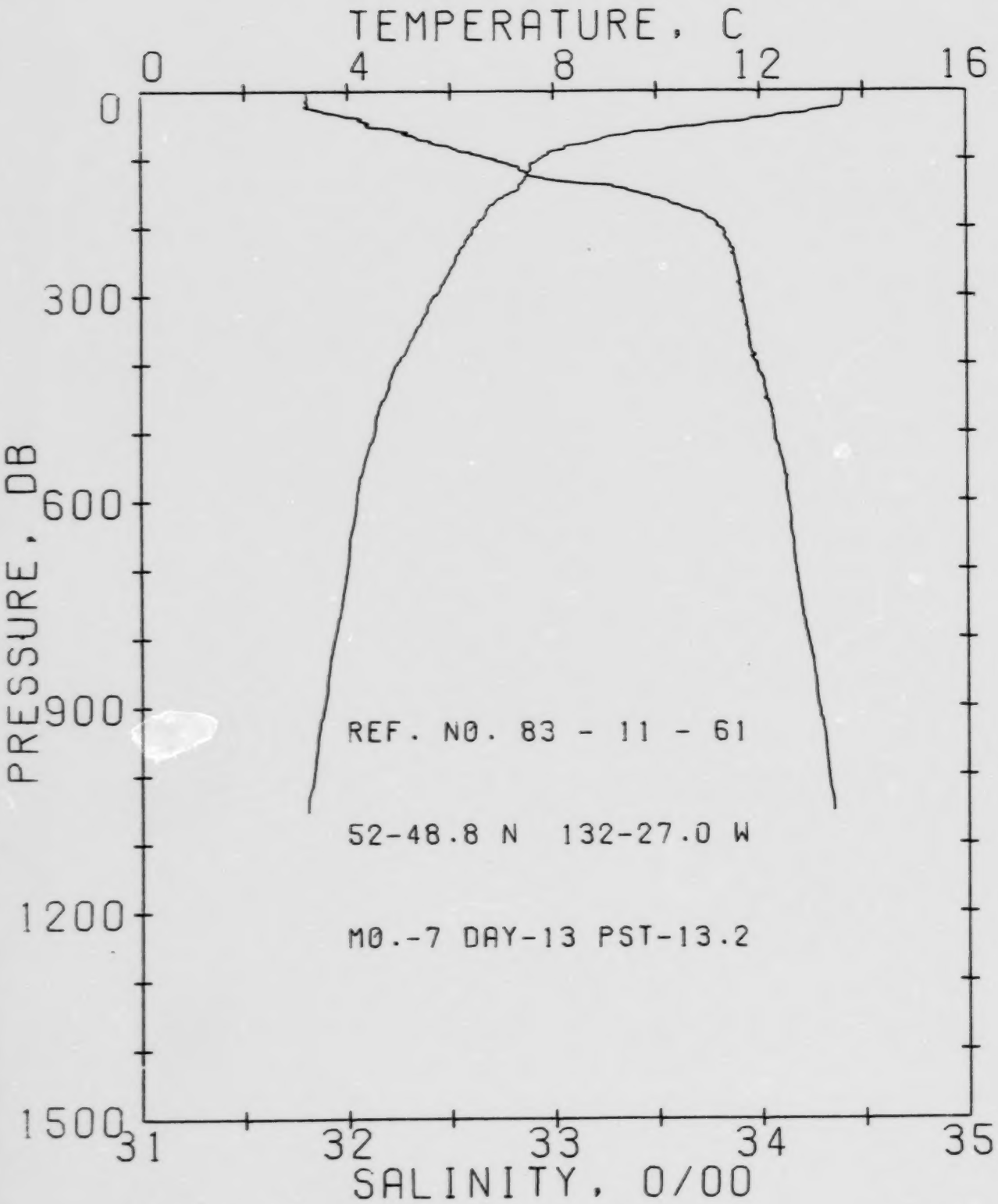
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 59 DATE 13/ 7/83
POSITION 52-40.3N, 132-43.5W 10.6 STATION Q16
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.68	31.95	0	23.92	399.5	.00	.00	1499.
10	13.68	31.98	10	23.94	397.6	.40	.02	1500.
20	13.54	32.00	20	23.99	393.6	.79	.08	1499.
30	11.37	32.00	30	24.40	354.7	1.17	.18	1492.
50	8.93	32.33	50	25.07	291.3	1.80	.43	1484.
75	8.04	32.42	75	25.27	272.1	2.50	.87	1481.
100	7.71	32.63	99	25.48	252.5	3.15	1.46	1480.
125	7.55	33.08	124	25.85	217.3	3.75	2.14	1481.
150	7.43	33.36	149	26.09	195.3	4.26	2.86	1481.
175	7.12	33.68	174	26.39	167.5	4.71	3.60	1481.
200	6.81	33.80	199	26.52	154.9	5.11	4.35	1480.
225	6.47	33.84	223	26.60	147.6	5.48	5.17	1479.
250	6.22	33.88	248	26.66	141.9	5.84	6.04	1479.
300	5.71	33.90	298	26.74	134.8	6.54	7.98	1477.
400	4.95	33.96	397	26.88	122.3	7.82	12.56	1476.
500	4.51	34.03	496	26.98	113.1	9.00	17.95	1476.
600	4.14	34.09	595	27.07	105.5	10.08	24.02	1476.
800	3.66	34.21	793	27.21	92.7	12.06	38.04	1477.
1000	3.25	34.32	990	27.34	81.5	13.79	53.95	1479.
1200	2.86	34.39	1188	27.43	73.4	15.34	71.22	1481.
1500	2.33	34.47	1483	27.54	62.7	17.38	99.06	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 60
52-46.3 N 132-31.7 W
MO.-7 DAY-13 PST-12.1
31
32
33
34
35
SALINITY, O/OO

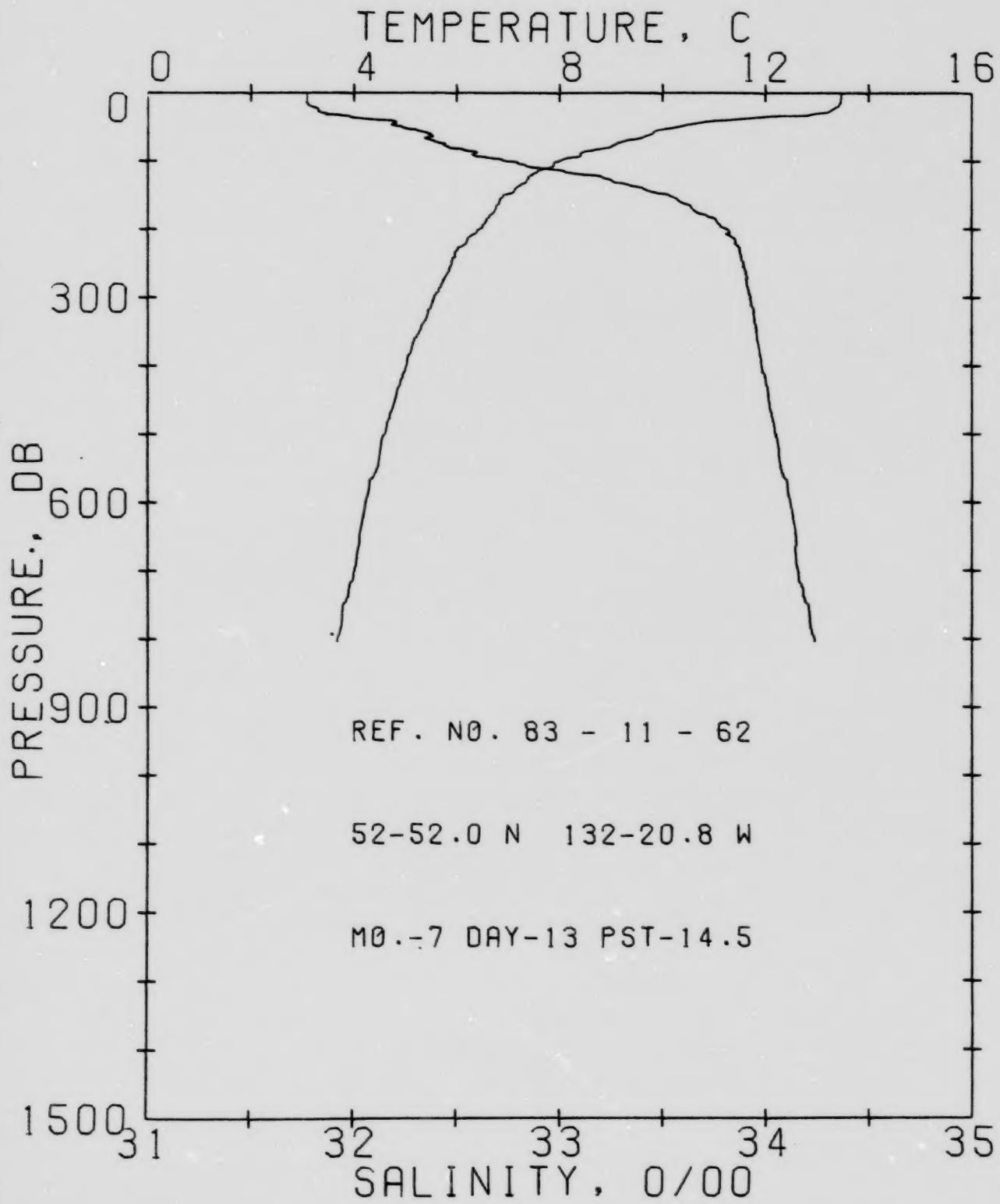
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 60 DATE 13/ 7/83
POSITION 52-46.3N, 132-31.7W 12.1 STATION G15
RESULTS OF STP CAST 1058 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.56	31.83	0	23.86	405.6	.00	.00	1499.
10	13.56	31.83	10	23.86	405.9	.41	.02	1499.
20	13.50	31.86	20	23.89	403.3	.81	.08	1499.
30	12.86	31.91	30	24.05	387.4	1.21	.18	1497.
50	10.84	32.10	50	24.57	338.3	1.94	.48	1491.
75	8.66	32.40	75	25.16	282.4	2.71	.97	1483.
100	7.71	32.57	99	25.44	256.6	3.38	1.56	1480.
125	7.68	32.91	124	25.70	231.6	3.99	2.26	1481.
150	7.26	33.40	149	26.15	189.7	4.52	3.00	1480.
175	6.84	33.62	174	26.37	168.5	4.96	3.74	1479.
200	6.70	33.71	199	26.47	160.1	5.38	4.52	1479.
225	6.33	33.81	223	26.59	148.4	5.76	5.35	1479.
250	6.06	33.86	248	26.67	141.5	6.12	6.23	1478.
300	5.62	33.91	298	26.76	132.8	6.81	8.16	1477.
400	5.03	33.96	397	26.87	123.0	8.09	12.70	1476.
500	4.51	34.05	496	27.00	111.5	9.25	18.04	1476.
600	4.20	34.11	595	27.08	104.6	10.33	24.09	1476.
800	3.64	34.24	793	27.24	90.4	12.28	37.95	1477.
1000	3.22	34.34	990	27.36	79.8	13.98	53.47	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 61
52-48.8 N 132-27.0 W
MO.-7 DAY-13 PST-13.2
31
32
33
34
35
SALINITY, O/OO

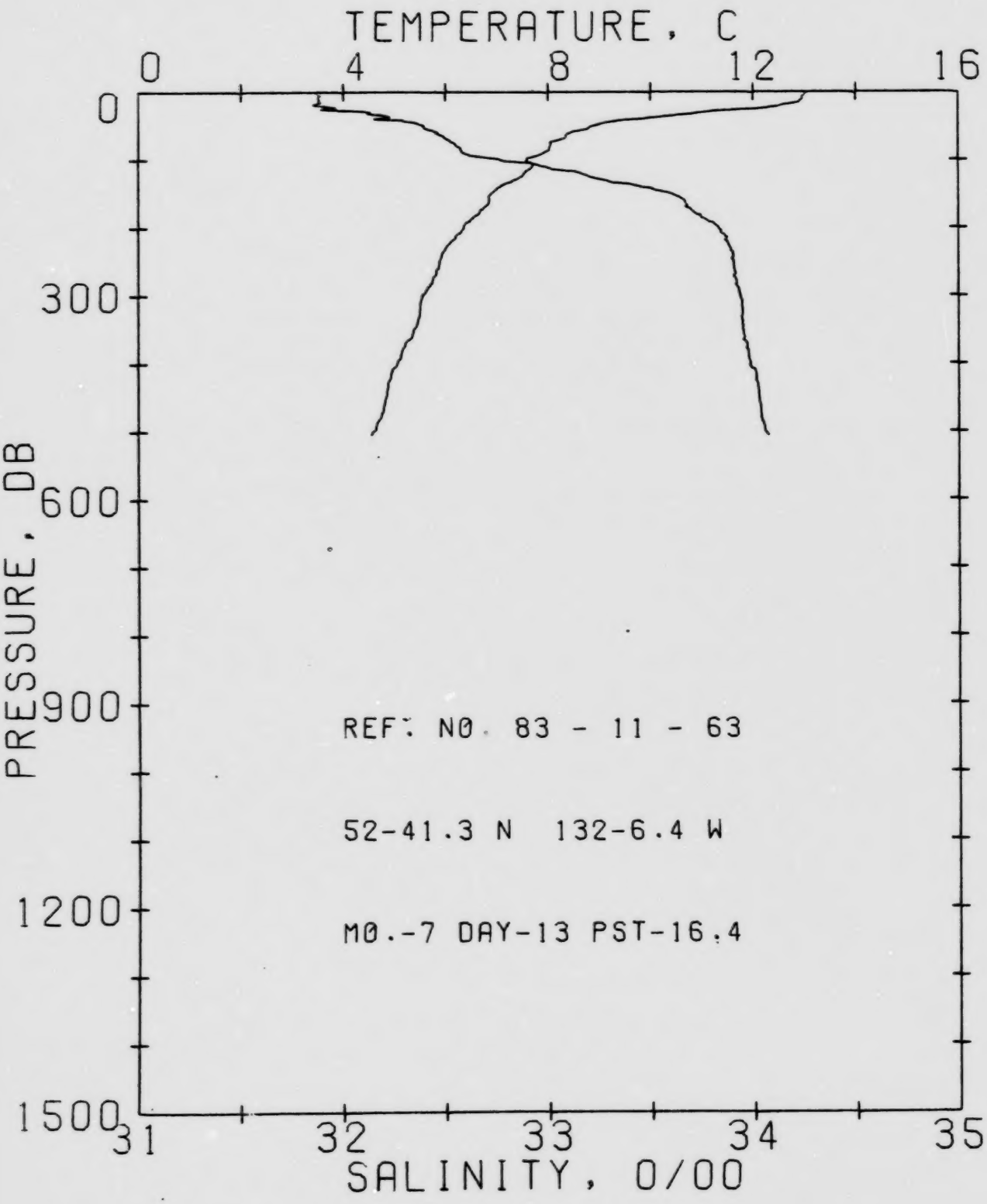
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 61 DATE 13/ 7/83
POSITION 52-48.8N, 132-27.0W 13.2 STATION Q14
RESULTS OF STP CAST 1053 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.63	31.80	0	23.82	409.5	.00	.00	1499.
10	13.63	31.81	10	23.82	409.2	.41	.02	1499.
20	13.62	31.81	20	23.83	409.0	.82	.08	1499.
30	12.98	31.89	30	24.01	391.5	1.22	.19	1497.
50	10.90	32.10	50	24.56	339.6	1.94	.48	1491.
75	8.70	32.40	75	25.15	283.1	2.71	.96	1483.
100	7.75	32.73	99	25.55	245.7	3.36	1.54	1481.
125	7.47	32.93	124	25.75	227.3	3.95	2.22	1480.
150	7.14	33.44	149	26.19	185.6	4.46	2.93	1480.
175	6.70	33.70	174	26.46	160.7	4.89	3.64	1479.
200	6.44	33.82	199	26.59	148.6	5.28	4.38	1479.
225	6.28	33.86	223	26.64	143.8	5.64	5.17	1478.
250	6.10	33.88	248	26.68	140.1	6.00	6.03	1478.
300	5.67	33.91	298	26.76	133.2	6.68	7.94	1477.
400	4.95	33.99	397	26.90	120.0	7.95	12.48	1476.
500	4.52	34.07	496	27.01	110.3	9.10	17.71	1476.
600	4.17	34.13	595	27.10	102.4	10.15	23.62	1476.
800	3.73	34.23	793	27.22	91.9	12.11	37.54	1478.
1000	3.32	34.33	990	27.34	81.6	13.84	53.34	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 62
52-52.0 N 132-20.8 W
MO.-7 DAY-13 PST-14.5
31
32
33
34
35
SALINITY, O/OO

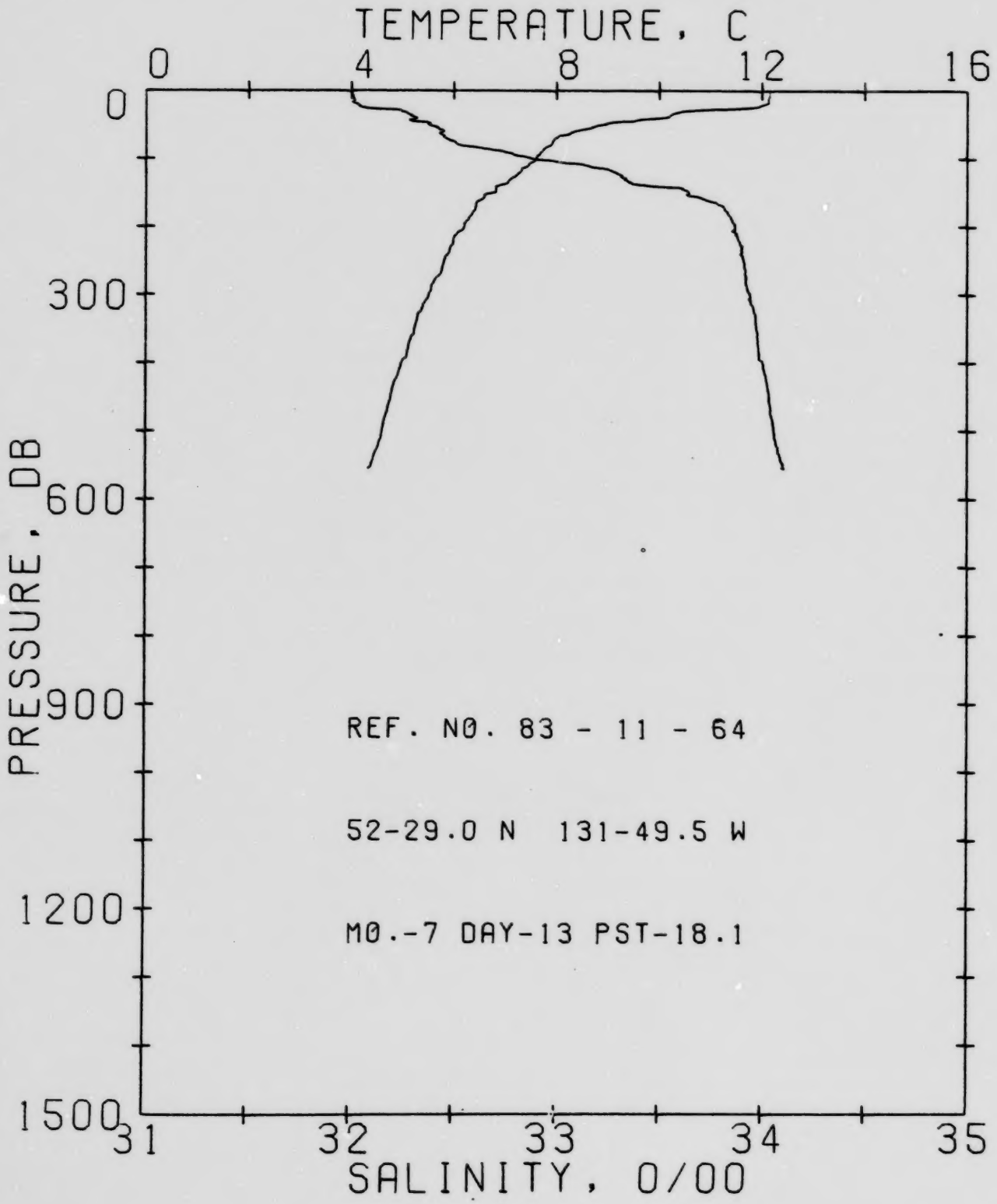
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 62 DATE 13/ 7/83
POSITION 52-52.0N, 132-20.8W 14.5 STATION Q13
RESULTS OF STP CAST 804 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.48	31.77	0	23.83	408.4	.00	.00	1498.
10	13.48	31.78	10	23.83	408.6	.41	.02	1499.
20	13.39	31.80	20	23.87	404.9	.82	.08	1499.
30	12.96	31.88	30	24.01	391.6	1.22	.19	1497.
50	10.27	32.23	50	24.77	319.2	1.91	.46	1489.
75	9.10	32.44	75	25.13	285.9	2.66	.94	1485.
100	7.96	32.76	99	25.54	246.4	3.33	1.54	1481.
125	7.41	33.23	124	25.99	204.2	3.89	2.18	1480.
150	6.93	33.54	149	26.30	175.2	4.37	2.84	1479.
175	6.72	33.68	174	26.44	162.6	4.79	3.54	1479.
200	6.44	33.82	199	26.59	148.3	5.18	4.28	1479.
225	6.07	33.87	223	26.67	140.8	5.54	5.06	1478.
250	5.92	33.90	248	26.71	137.1	5.88	5.90	1477.
300	5.57	33.93	298	26.78	130.8	6.55	7.78	1477.
400	5.03	33.98	397	26.89	121.5	7.81	12.26	1476.
500	4.59	34.06	496	27.00	111.9	8.98	17.60	1476.
600	4.23	34.12	595	27.09	104.0	10.06	23.67	1476.
800	3.68	34.24	793	27.24	90.6	12.03	37.64	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF: N0. 83 - 11 - 63
52-41.3 N 132-6.4 W
M0.-7 DAY-13 PST-16.4
31
32
33
34
35
SALINITY, 0/00

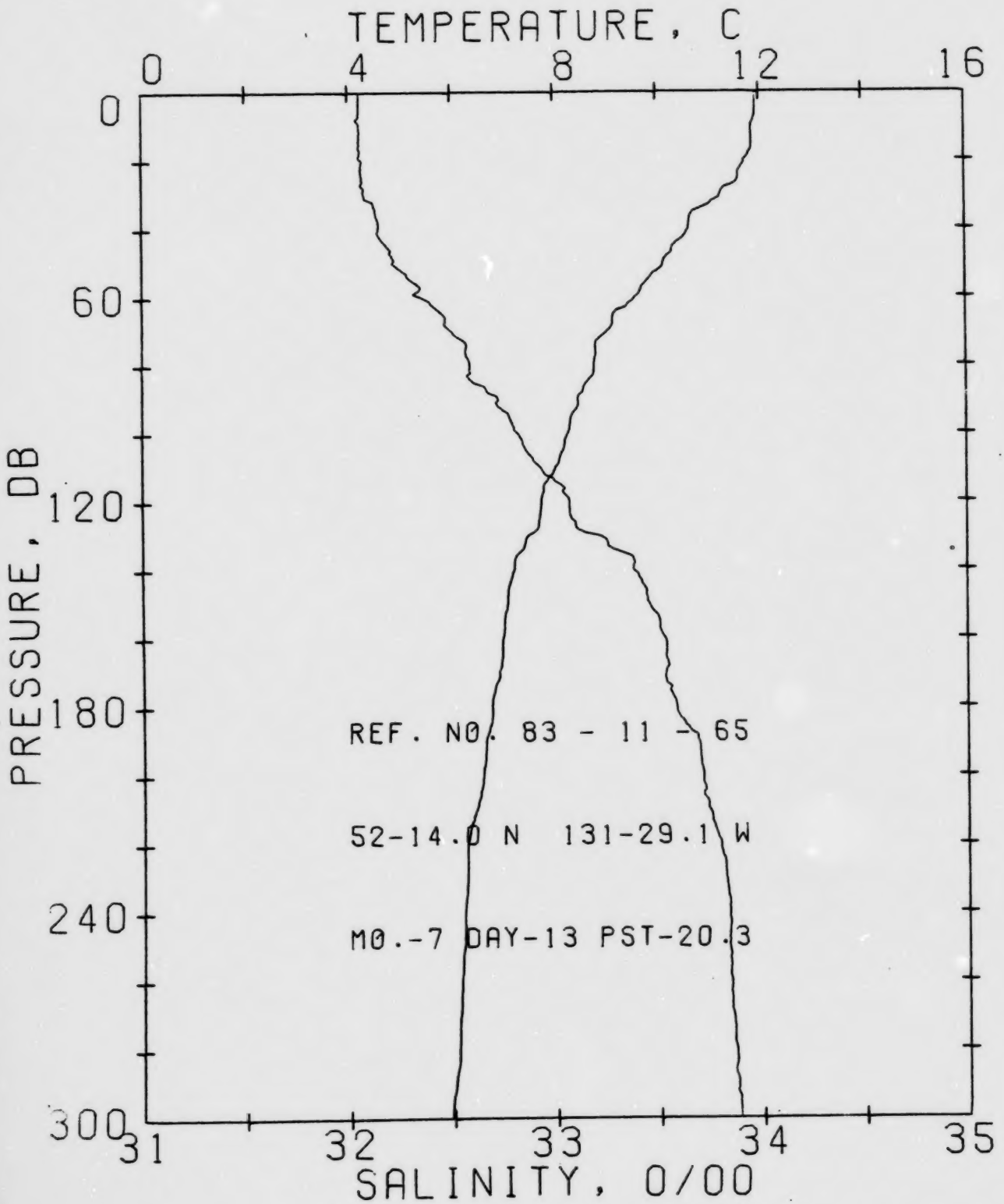
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 63 DATE 13/ 7/83
POSITION 52-41.3N, 132- 6.4W 16.4 STATION Q86
RESULTS OF STP CAST 506 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.05	31.87	0	23.99	393.0	.00	.00	1497.
10	12.97	31.88	10	24.01	391.5	.39	.02	1497.
20	12.52	31.87	20	24.09	383.9	.78	.08	1496.
30	11.03	32.14	30	24.57	338.3	1.15	.17	1491.
50	8.85	32.40	50	25.13	285.0	1.76	.42	1484.
75	8.03	32.55	75	25.37	262.6	2.45	.86	1481.
100	7.59	32.77	99	25.61	240.5	3.09	1.43	1480.
125	7.47	33.21	124	25.97	206.2	3.64	2.06	1481.
150	6.88	33.61	149	26.36	169.2	4.11	2.71	1479.
175	6.66	33.71	174	26.47	159.3	4.52	3.39	1479.
200	6.35	33.84	199	26.61	146.3	4.90	4.12	1478.
225	6.04	33.88	223	26.69	139.2	5.26	4.89	1477.
250	5.88	33.91	248	26.73	135.6	5.60	5.72	1477.
300	5.55	33.94	298	26.79	129.9	6.27	7.59	1477.
400	5.05	33.99	397	26.89	121.5	7.53	12.10	1476.
500	4.58	34.06	496	27.00	111.5	8.70	17.42	1476.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 64
52-29.0 N 131-49.5 W
MO.-7 DAY-13 PST-18.1
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 64 DATE 13/ 7/83
POSITION 52-29.0N, 131-49.5W 18.1 STATION Q88
RESULTS OF STP CAST 556 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

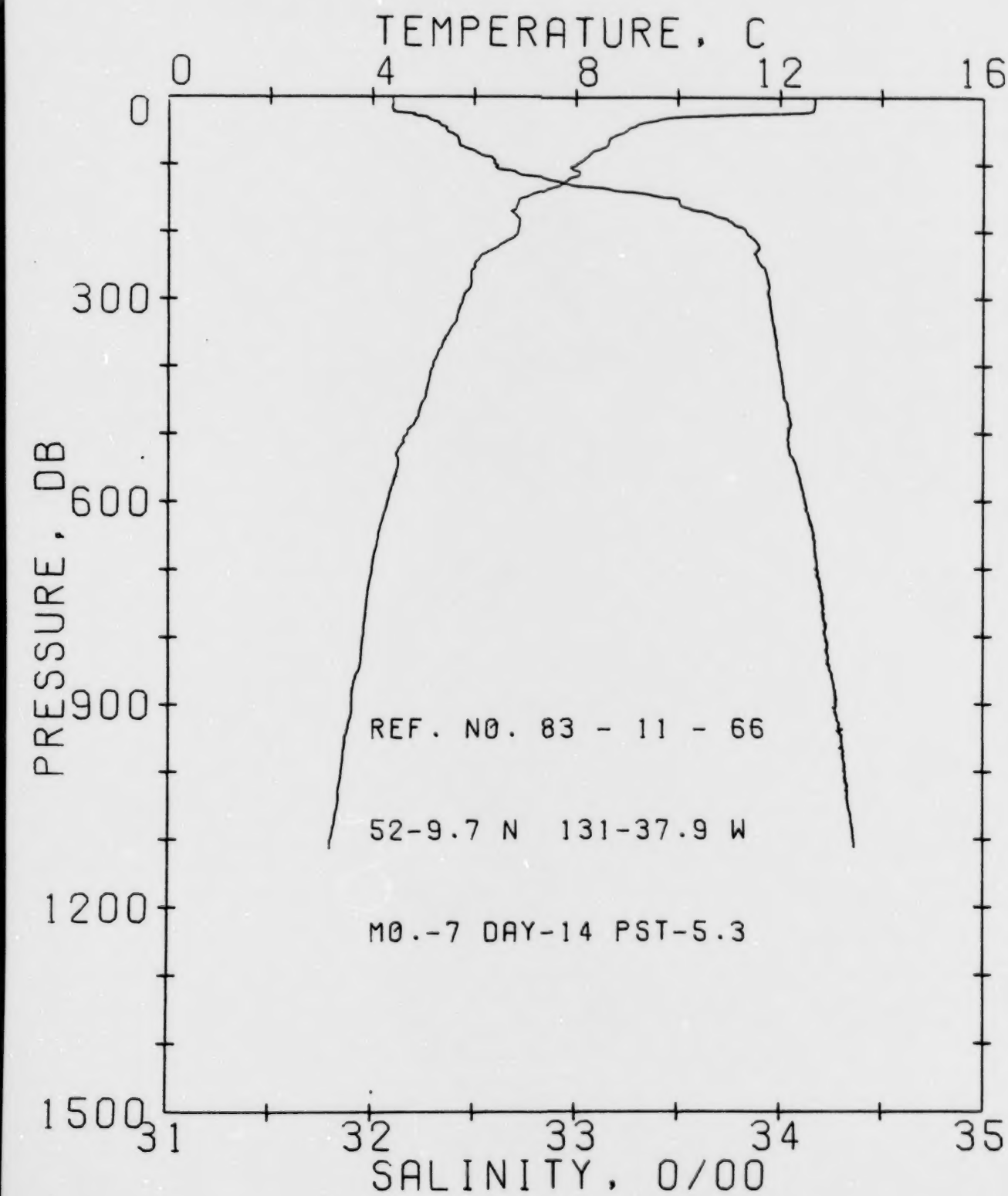
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.16	32.01	0	24.26	366.7	.00	.00	1494.
10	12.13	32.01	10	24.27	366.6	.37	.02	1494.
20	12.03	32.03	20	24.30	363.7	.73	.07	1494.
30	10.44	32.25	30	24.76	320.5	1.08	.16	1489.
50	8.88	32.38	50	25.11	286.8	1.69	.41	1484.
75	7.91	32.51	75	25.36	263.5	2.38	.85	1481.
100	7.59	32.89	99	25.70	231.2	3.00	1.40	1480.
125	7.19	33.32	124	26.10	194.3	3.52	1.99	1480.
150	6.81	33.65	149	26.40	165.7	3.97	2.62	1479.
175	6.42	33.82	174	26.59	147.9	4.35	3.26	1478.
200	6.20	33.87	199	26.65	142.1	4.71	3.95	1478.
225	5.98	33.89	223	26.70	137.6	5.06	4.70	1477.
250	5.81	33.91	248	26.74	134.6	5.40	5.52	1477.
300	5.50	33.94	298	26.80	129.0	6.06	7.38	1477.
400	4.97	34.01	397	26.92	119.0	7.31	11.80	1476.
500	4.59	34.06	496	27.00	111.6	8.46	17.07	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 65
52-14.0 N 131-29.1 W
MO.-7 DAY-13 PST-20.3
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 65 DATE 13/ 7/83
POSITION 52-14.0N, 131-29.1W 20.3 STATION Q 3
RESULTS OF STP CAST 455 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

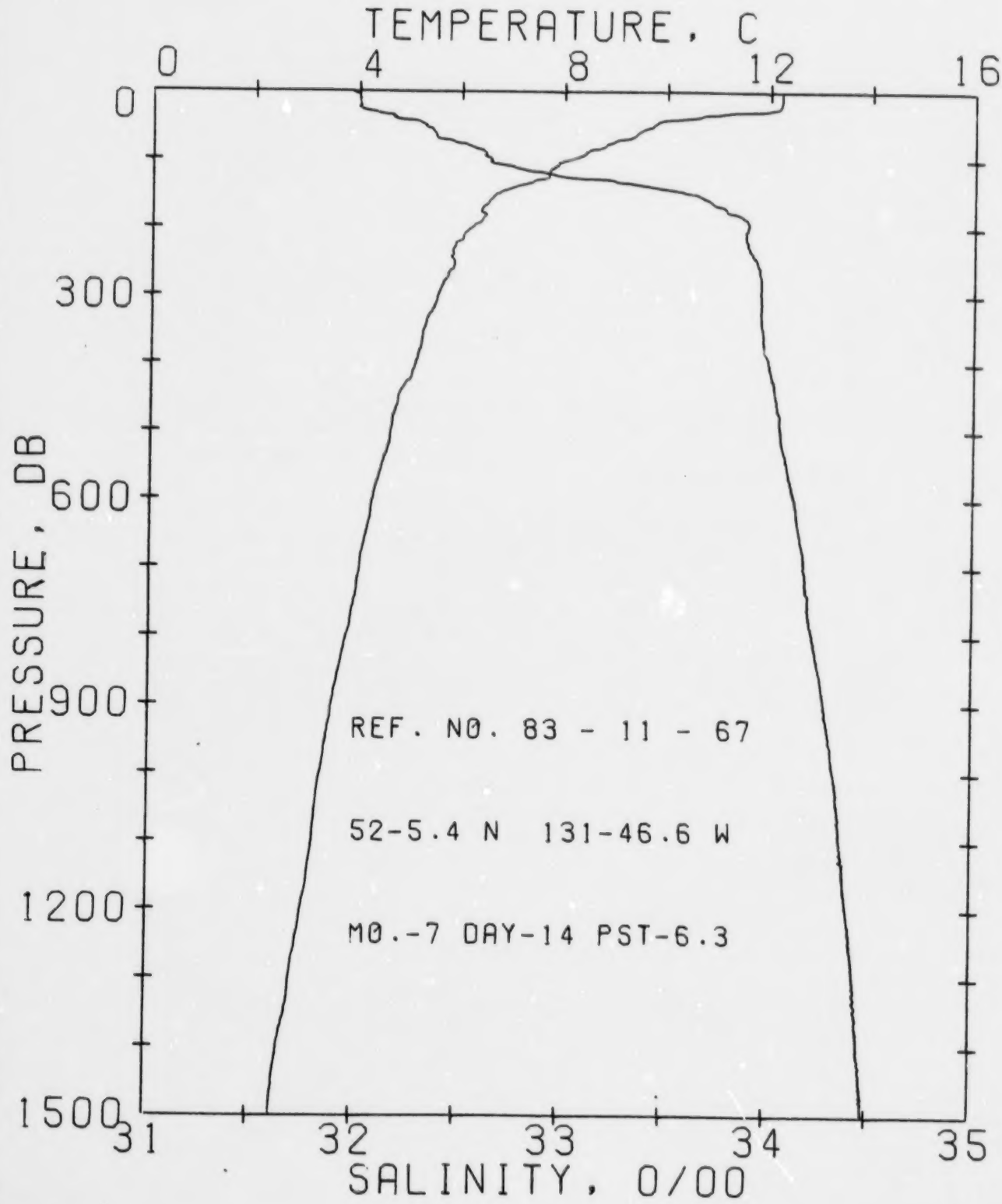
PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND

DATA UNAVAILABLE


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 66
52-9.7 N 131-37.9 W
MO.-7 DAY-14 PST-5.3
31
32
33
34
35
SALINITY, O/OO

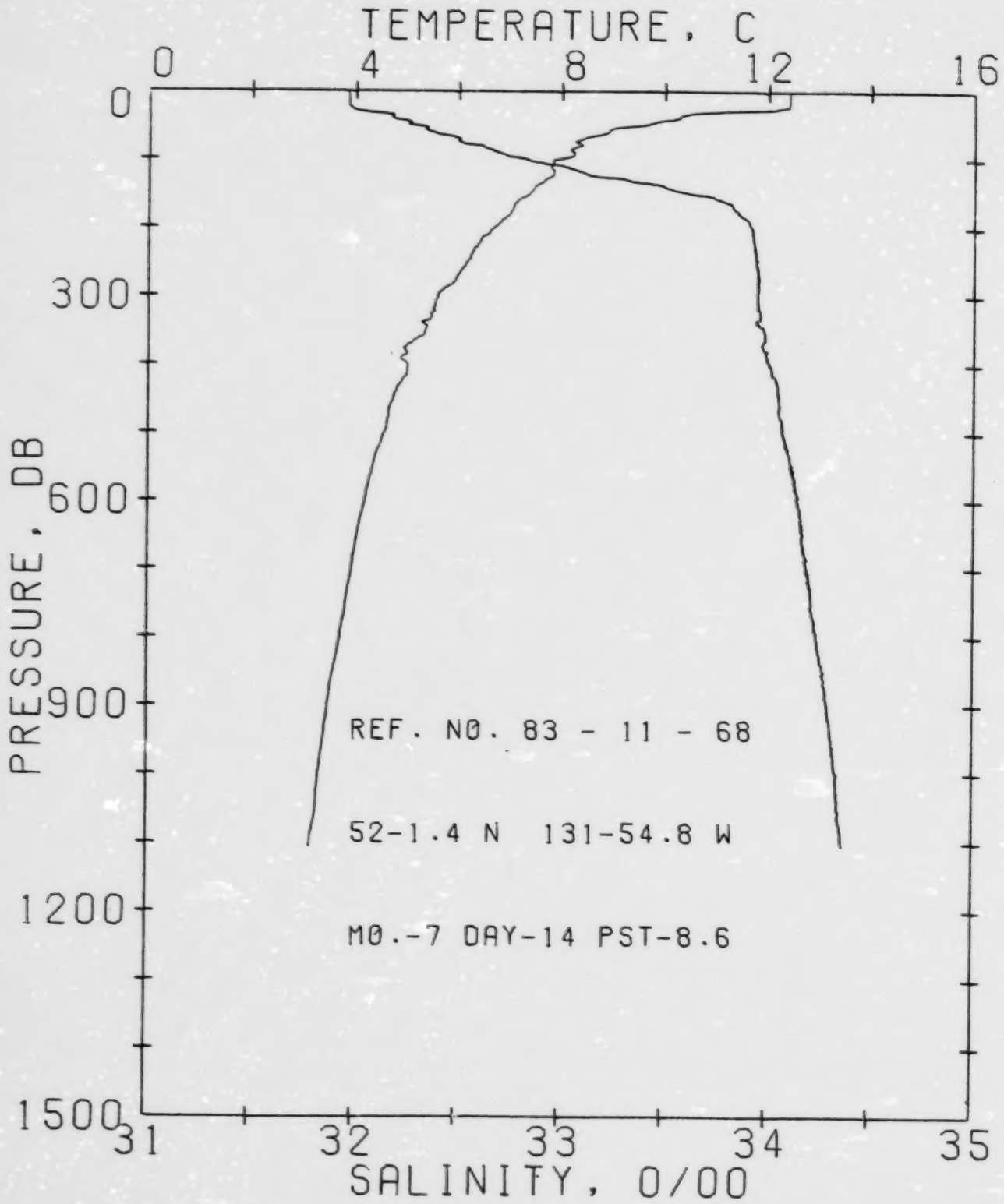
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 66 DATE 14/ 7/83
POSITION 52- 9.7N, 131-37.9W 5.3 STATION Q 5
RESULTS OF STP CAST 1113 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.69	32.10	0	24.24	369.4	.00	.00	1496.
10	12.69	32.10	10	24.23	369.8	.37	.02	1496.
20	12.65	32.11	20	24.25	368.6	.74	.08	1496.
30	9.82	32.27	30	24.88	309.1	1.08	.16	1487.
50	8.99	32.37	50	25.09	289.0	1.67	.40	1484.
75	8.53	32.46	75	25.23	276.0	2.38	.85	1483.
100	8.02	32.61	99	25.42	258.2	3.04	1.44	1482.
125	7.80	32.93	124	25.70	232.0	3.66	2.15	1481.
150	6.91	33.51	149	26.28	177.3	4.17	2.87	1479.
175	6.83	33.69	174	26.43	162.9	4.60	3.58	1479.
200	6.86	33.84	199	26.54	152.8	5.00	4.33	1480.
225	6.40	33.89	223	26.65	142.9	5.37	5.13	1479.
250	6.02	33.91	248	26.72	136.9	5.72	5.97	1478.
300	5.78	33.95	298	26.77	131.9	6.38	7.83	1478.
400	5.19	34.00	397	26.88	122.4	7.66	12.38	1477.
500	4.69	34.04	496	26.97	114.1	8.84	17.78	1477.
600	4.30	34.13	595	27.08	104.2	9.93	23.89	1477.
800	3.81	34.23	793	27.22	92.5	11.87	37.75	1478.
1000	3.39	34.33	990	27.34	82.1	13.62	53.75	1480.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 67
52-5.4 N 131-46.6 W
MO.-7 DAY-14 PST-6.3
31
32
33
34
35
SALINITY, O/OO

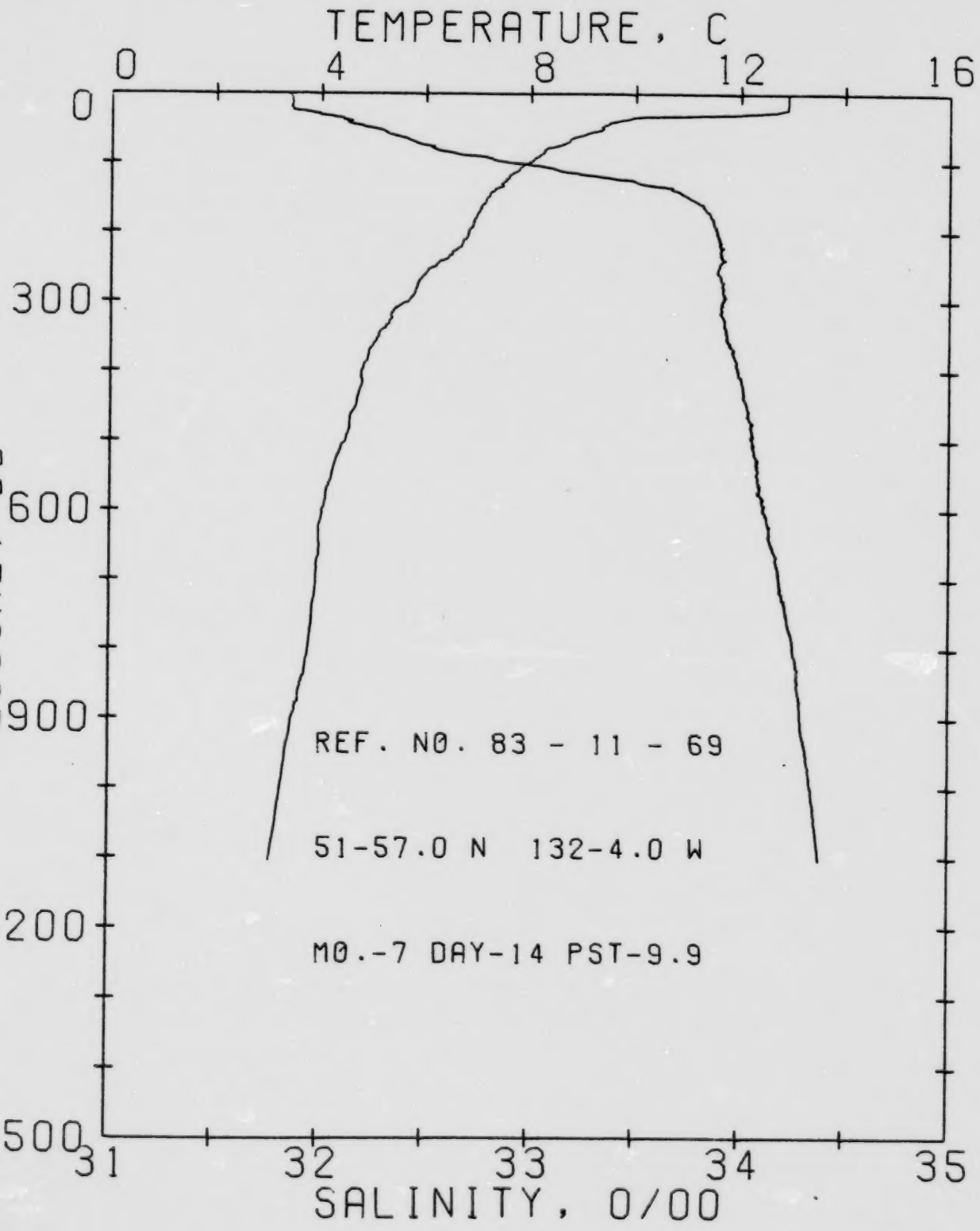
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 67 DATE 14/ 7/83
POSITION 52- 5.4N, 131-46.6W 6.3 STATION Q 6
RESULTS OF STP CAST 1500 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.23	31.98	0	24.22	370.5	.00	.00	1494.
10	12.23	32.01	10	24.25	368.4	.37	.02	1495.
20	12.22	32.01	20	24.25	368.3	.74	.08	1495.
30	11.28	32.09	30	24.48	346.4	1.10	.17	1492.
50	9.75	32.32	50	24.93	304.3	1.74	.43	1487.
75	8.94	32.48	75	25.18	280.8	2.48	.90	1484.
100	8.10	32.65	99	25.44	256.4	3.15	1.49	1482.
125	7.72	33.02	124	25.78	224.3	3.75	2.18	1481.
150	6.67	33.65	149	26.42	163.4	4.22	2.84	1478.
175	6.37	33.79	174	26.58	149.3	4.61	3.48	1478.
200	6.21	33.89	199	26.67	140.2	4.97	4.17	1478.
225	5.90	33.90	223	26.72	136.4	5.32	4.91	1477.
250	5.87	33.95	248	26.76	132.7	5.65	5.73	1477.
300	5.55	33.96	298	26.81	128.0	6.30	7.55	1477.
400	5.14	34.00	397	26.89	121.8	7.55	12.01	1477.
500	4.66	34.06	496	26.99	112.7	8.71	17.32	1477.
600	4.32	34.13	595	27.09	104.2	9.80	23.41	1477.
800	3.83	34.23	793	27.21	93.3	11.78	37.48	1478.
1000	3.35	34.34	990	27.35	81.2	13.52	53.41	1480.
1200	3.00	34.40	1188	27.43	73.8	15.07	70.83	1482.
1500	2.45	34.48	1484	27.54	63.1	17.13	98.84	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 68
52-1.4 N 131-54.8 W
MO.-7 DAY-14 PST-8.6
31
32
33
34
35
SALINITY, O/OO

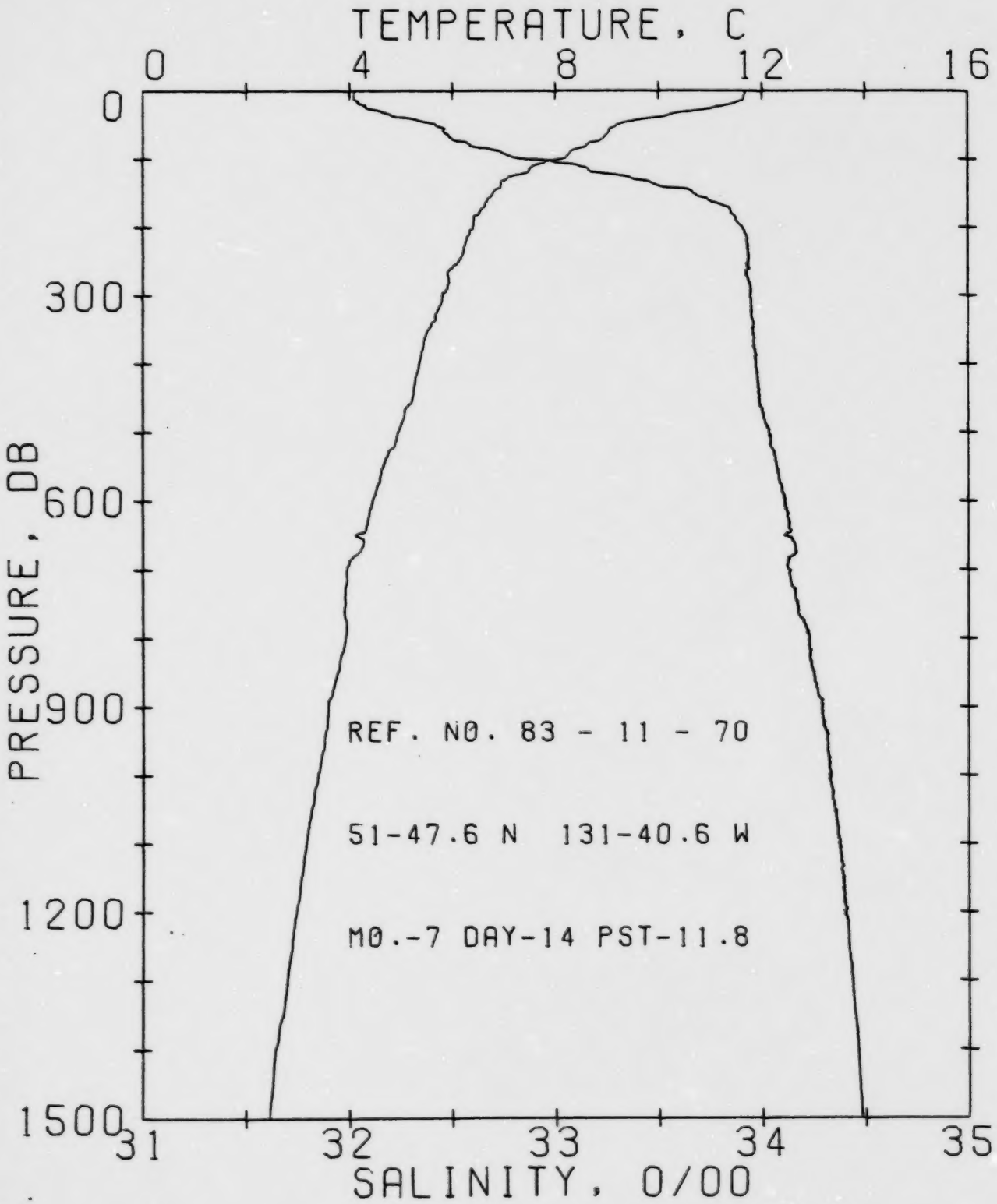
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 68 DATE 14/ 7/83
POSITION 52- 1.4N, 131-54.8W 8.6 STATION Q 7
RESULTS OF STP CAST 1105 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.41	31.97	0	24.18	374.6	.00	.00	1495.
10	12.41	31.97	10	24.18	374.6	.37	.02	1495.
20	12.42	31.97	20	24.18	375.0	.75	.08	1495.
30	10.81	32.06	30	24.54	340.8	1.11	.17	1490.
50	9.48	32.31	50	24.96	301.0	1.75	.43	1486.
75	8.30	32.52	75	25.31	268.7	2.46	.88	1482.
100	7.84	32.84	99	25.63	238.7	3.10	1.44	1481.
125	7.80	33.19	124	25.91	212.1	3.66	2.09	1482.
150	7.38	33.65	149	26.33	172.9	4.13	2.75	1481.
175	7.04	33.86	174	26.54	153.0	4.53	3.41	1481.
200	6.67	33.93	199	26.64	143.5	4.90	4.12	1480.
225	6.39	33.93	223	26.68	139.7	5.26	4.88	1479.
250	6.17	33.94	248	26.72	136.7	5.60	5.72	1478.
300	5.61	33.95	298	26.79	129.9	6.27	7.58	1477.
400	5.04	34.01	397	26.91	119.8	7.51	12.02	1476.
500	4.57	34.08	496	27.02	110.1	8.65	17.25	1476.
600	4.21	34.15	595	27.11	101.9	9.71	23.16	1476.
800	3.74	34.24	793	27.23	91.2	11.64	36.88	1478.
1000	3.32	34.35	990	27.36	79.8	13.35	52.55	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
200
500
REF. NO. 83 - 11 - 69
51-57.0 N 132-4.0 W
MO.-7 DAY-14 PST-9.9
31
32
33
34
35
SALINITY, O/OO

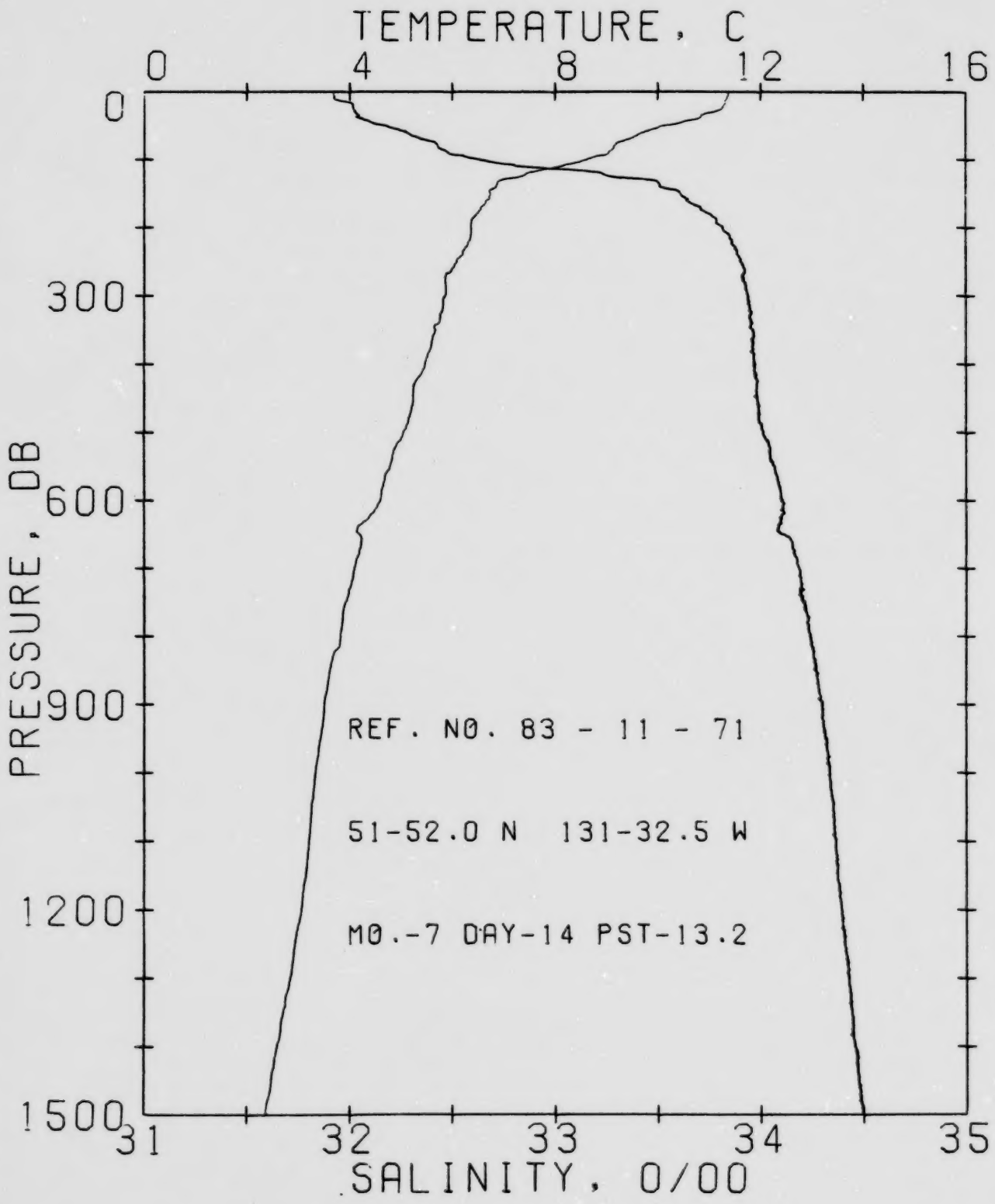
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 69 DATE 14/ 7/83
POSITION 51-57.0N, 132- 4.0W 9.9 STATION Q94
RESULTS OF STP CAST 1100 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.91	31.85	0	24.00	392.2	.00	.00	1497.
10	12.92	31.86	10	24.01	391.5	.39	.02	1497.
20	12.92	31.85	20	24.00	392.5	.78	.08	1497.
30	11.31	31.99	30	24.40	354.2	1.16	.18	1492.
50	9.40	32.26	50	24.93	303.7	1.80	.43	1485.
75	8.50	32.53	75	25.29	270.6	2.52	.89	1483.
100	7.94	32.94	99	25.69	232.9	3.15	1.46	1482.
125	7.53	33.50	124	26.18	186.0	3.68	2.06	1481.
150	7.18	33.76	149	26.44	161.9	4.11	2.66	1481.
175	6.99	33.86	174	26.55	152.4	4.50	3.30	1480.
200	6.82	33.89	199	26.59	148.6	4.88	4.02	1480.
225	6.60	33.91	223	26.63	144.6	5.24	4.82	1480.
250	6.14	33.90	248	26.69	139.4	5.60	5.67	1478.
300	5.67	33.91	298	26.76	133.5	6.28	7.57	1477.
400	4.78	34.00	397	26.93	117.4	7.53	12.02	1475.
500	4.49	34.06	496	27.01	110.7	8.67	17.24	1476.
600	4.03	34.11	595	27.10	102.5	9.73	23.18	1476.
800	3.80	34.26	793	27.24	90.4	11.65	36.85	1478.
1000	3.28	34.35	990	27.36	79.7	13.35	52.40	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 70
51-47.6 N 131-40.6 W
MO.-7 DAY-14 PST-11.8
31
32
33
34
35
SALINITY, O/OO

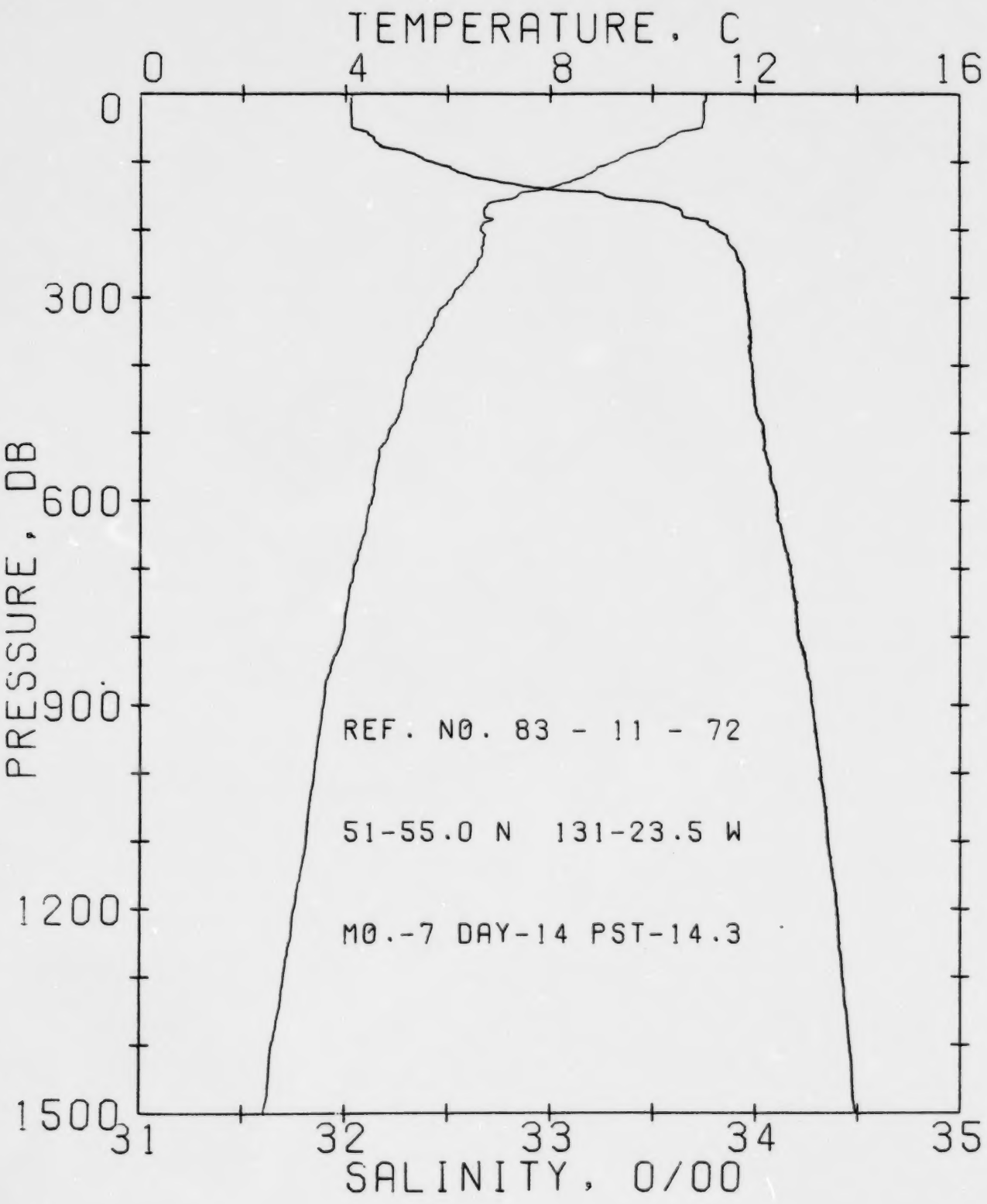
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 70 DATE 14/ 7/83
POSITION 51-47.6N, 131-40.6W 11.8 STATION Q 1
RESULTS OF STP CAST 1495 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.70	32.03	0	24.36	357.5	.00	.00	1493.
10	11.67	32.02	10	24.36	357.6	.36	.02	1493.
20	11.33	32.07	20	24.46	348.6	.71	.07	1492.
30	10.51	32.16	30	24.68	327.8	1.05	.16	1489.
50	9.20	32.43	50	25.10	288.3	1.67	.41	1485.
75	8.69	32.58	75	25.29	269.9	2.37	.86	1484.
100	8.04	32.91	99	25.65	236.2	3.01	1.43	1482.
125	7.13	33.35	124	26.13	191.1	3.54	2.03	1479.
150	6.81	33.67	149	26.42	163.9	3.98	2.65	1479.
175	6.57	33.85	174	26.59	147.8	4.37	3.29	1479.
200	6.42	33.91	199	26.66	141.8	4.73	3.98	1479.
225	6.27	33.93	223	26.70	138.4	5.08	4.73	1478.
250	6.14	33.93	248	26.71	137.4	5.42	5.57	1478.
300	5.81	33.94	298	26.76	133.1	6.10	7.45	1478.
400	5.37	33.97	397	26.84	126.7	7.39	12.06	1478.
500	4.94	34.03	496	26.94	117.8	8.62	17.70	1478.
600	4.45	34.11	595	27.05	107.6	9.75	24.00	1477.
800	3.92	34.23	793	27.21	93.9	11.76	38.32	1479.
1000	3.39	34.33	990	27.33	82.4	13.51	54.36	1480.
1200	2.97	34.41	1188	27.44	73.1	15.06	71.64	1481.
1500	2.44	34.48	1484	27.54	63.1	17.10	99.51	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 71
51-52.0 N 131-32.5 W
MO.-7 DAY-14 PST-13.2
31
32
33
34
35
SALINITY, O/OO

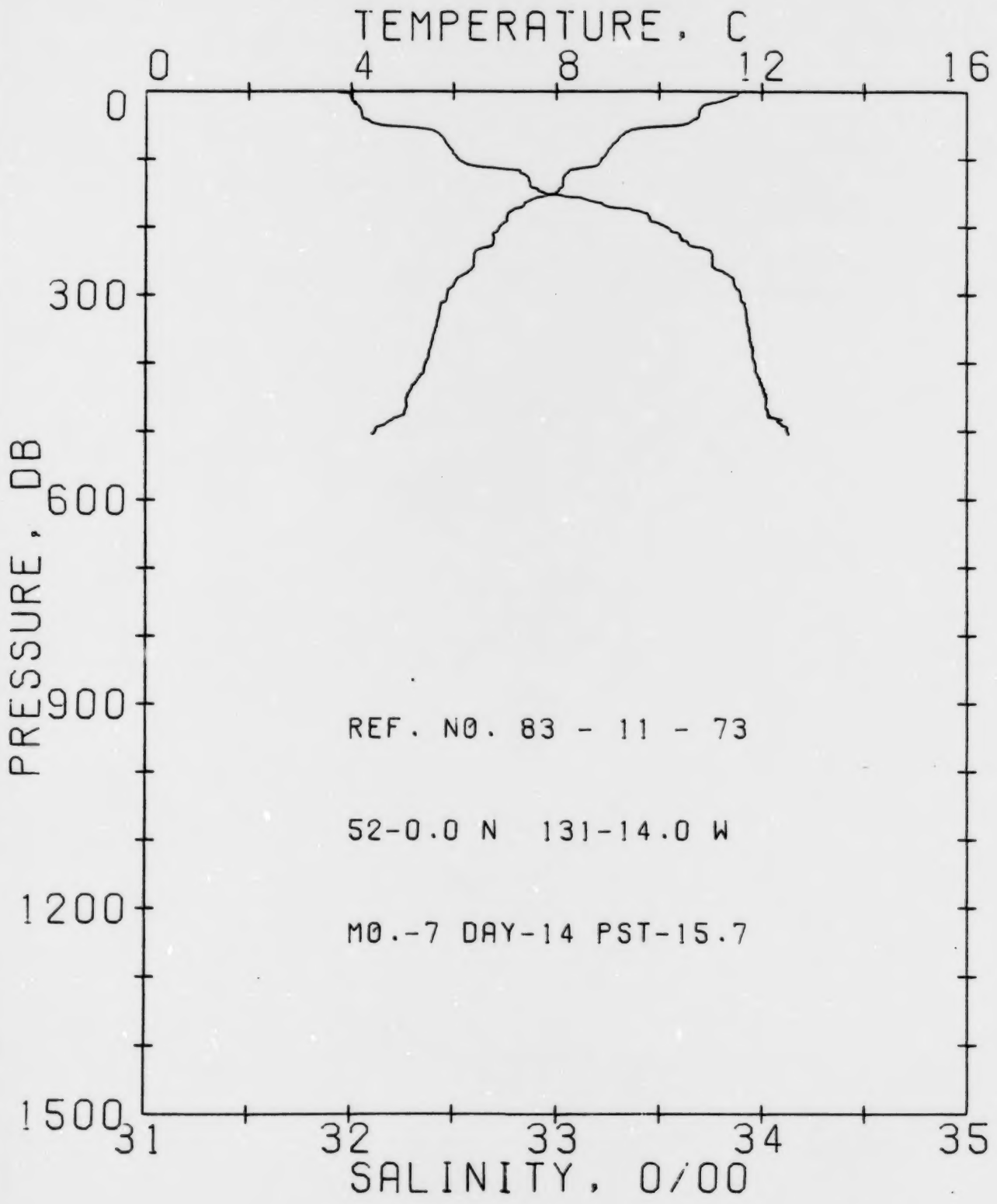
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 71 DATE 14/ 7/83
POSITION 51-52.0N, 131-32.5W 13.2 STATICN J 2
RESULTS OF STP CAST 1496 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.39	31.92	0	24.34	359.6	.00	.00	1491.
10	11.35	31.93	10	24.35	359.2	.36	.02	1492.
20	11.30	32.02	20	24.43	351.6	.71	.07	1492.
30	11.06	32.03	30	24.48	347.1	1.06	.16	1491.
50	10.08	32.18	50	24.76	320.1	1.74	.44	1488.
75	9.21	32.42	75	25.09	289.3	2.50	.92	1485.
100	8.60	32.64	99	25.36	264.2	3.20	1.55	1484.
125	7.31	33.29	124	26.05	198.7	3.78	2.20	1480.
150	6.75	33.62	149	26.38	167.2	4.22	2.82	1479.
175	6.53	33.73	174	26.50	156.3	4.63	3.49	1478.
200	6.37	33.81	199	26.59	148.2	5.00	4.21	1478.
225	6.30	33.86	223	26.64	143.9	5.37	5.00	1478.
250	6.09	33.91	248	26.70	138.3	5.72	5.85	1478.
300	5.87	33.94	298	26.76	133.6	6.40	7.75	1478.
400	5.47	33.97	397	26.83	127.4	7.71	12.41	1478.
500	5.04	34.02	496	26.91	120.3	8.95	18.11	1478.
600	4.59	34.10	595	27.03	109.7	10.09	24.50	1478.
800	3.81	34.24	793	27.22	92.0	12.08	38.65	1478.
1000	3.33	34.34	990	27.35	81.0	13.80	54.33	1479.
1200	3.05	34.39	1188	27.42	74.9	15.36	71.83	1482.
1500	2.36	34.50	1484	27.57	60.6	17.39	99.48	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 72
51-55.0 N 131-23.5 W
MO.-7 DAY-14 PST-14.3
31
32
33
34
35
SALINITY, O/OO

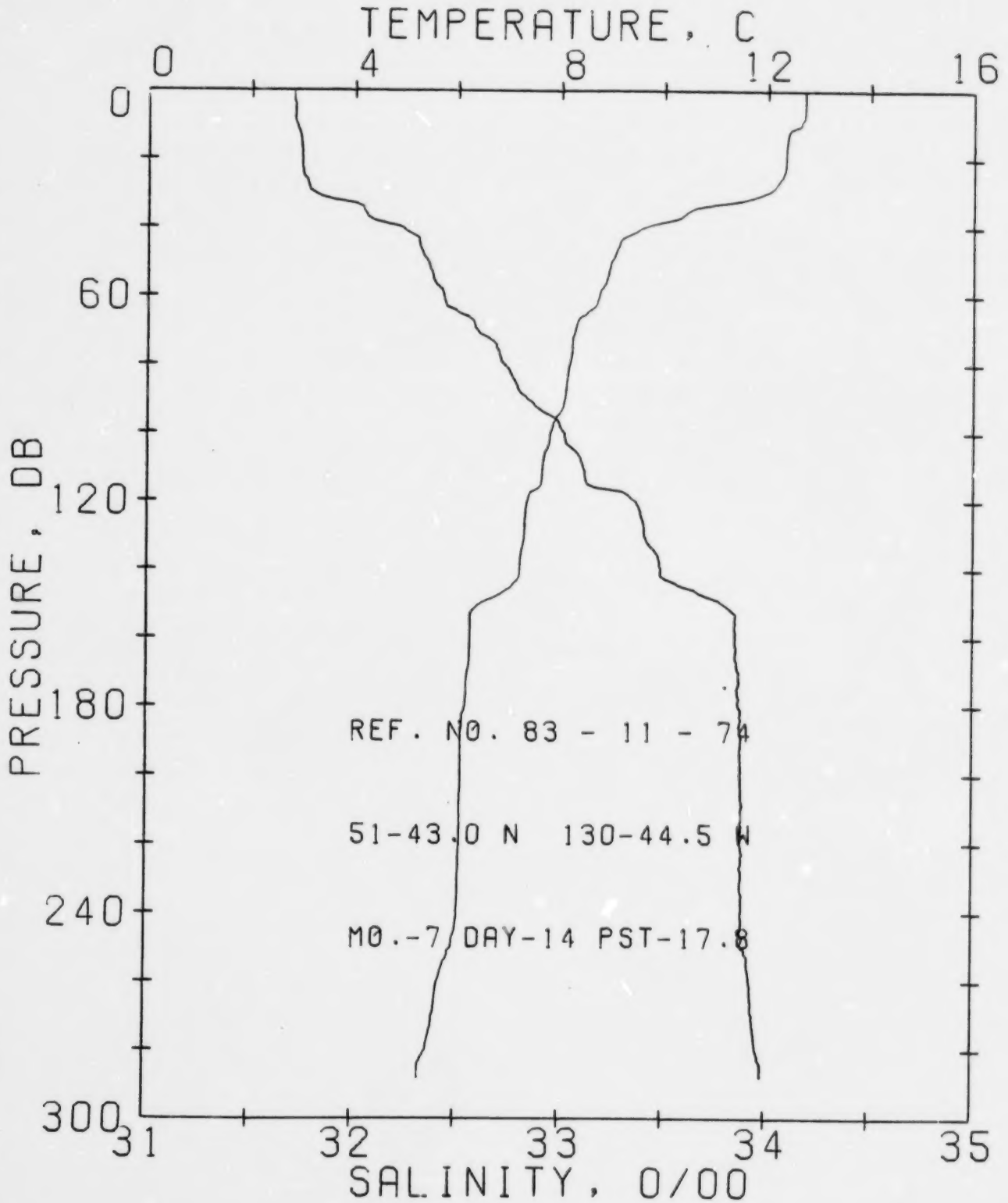
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 72 DATE 14/ 7/83
POSITION 51-55.0N, 131-23.5W 14.3 STATION Q 2
RESULTS OF STP CAST 1497 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.04	32.03	0	24.48	346.0	.00	.00	1490.
10	11.04	32.03	10	24.48	346.5	.35	.02	1491.
20	11.00	32.02	20	24.49	346.1	.69	.07	1491.
30	11.00	32.03	30	24.49	346.1	1.04	.16	1491.
50	10.94	32.04	50	24.51	344.3	1.73	.44	1491.
75	10.13	32.18	75	24.75	321.6	2.55	.97	1488.
100	9.22	32.43	99	25.10	288.9	3.31	1.64	1486.
125	8.50	32.70	124	25.42	258.5	4.00	2.43	1484.
150	7.36	33.28	149	26.04	200.3	4.58	3.23	1481.
175	6.70	33.65	174	26.42	164.5	5.01	3.95	1479.
200	6.63	33.82	199	26.56	150.8	5.41	4.71	1479.
225	6.65	33.89	224	26.61	146.6	5.78	5.51	1480.
250	6.58	33.94	248	26.66	142.4	6.14	6.39	1480.
300	6.08	33.96	298	26.74	135.3	6.84	8.33	1479.
400	5.30	33.99	397	26.86	124.4	8.13	12.93	1477.
500	4.84	34.04	496	26.96	115.8	9.34	18.49	1477.
600	4.51	34.10	595	27.04	108.5	10.46	24.76	1478.
800	3.94	34.22	793	27.19	95.3	12.49	39.16	1479.
1000	3.39	34.32	990	27.33	82.9	14.24	55.19	1480.
1200	3.00	34.40	1188	27.43	73.7	15.81	72.79	1481.
1500	2.42	34.49	1484	27.55	62.4	17.86	100.86	1484.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 73
52-0.0 N 131-14.0 W
MO.-7 DAY-14 PST-15.7
31
32
33
34
35
SALINITY, O/OO

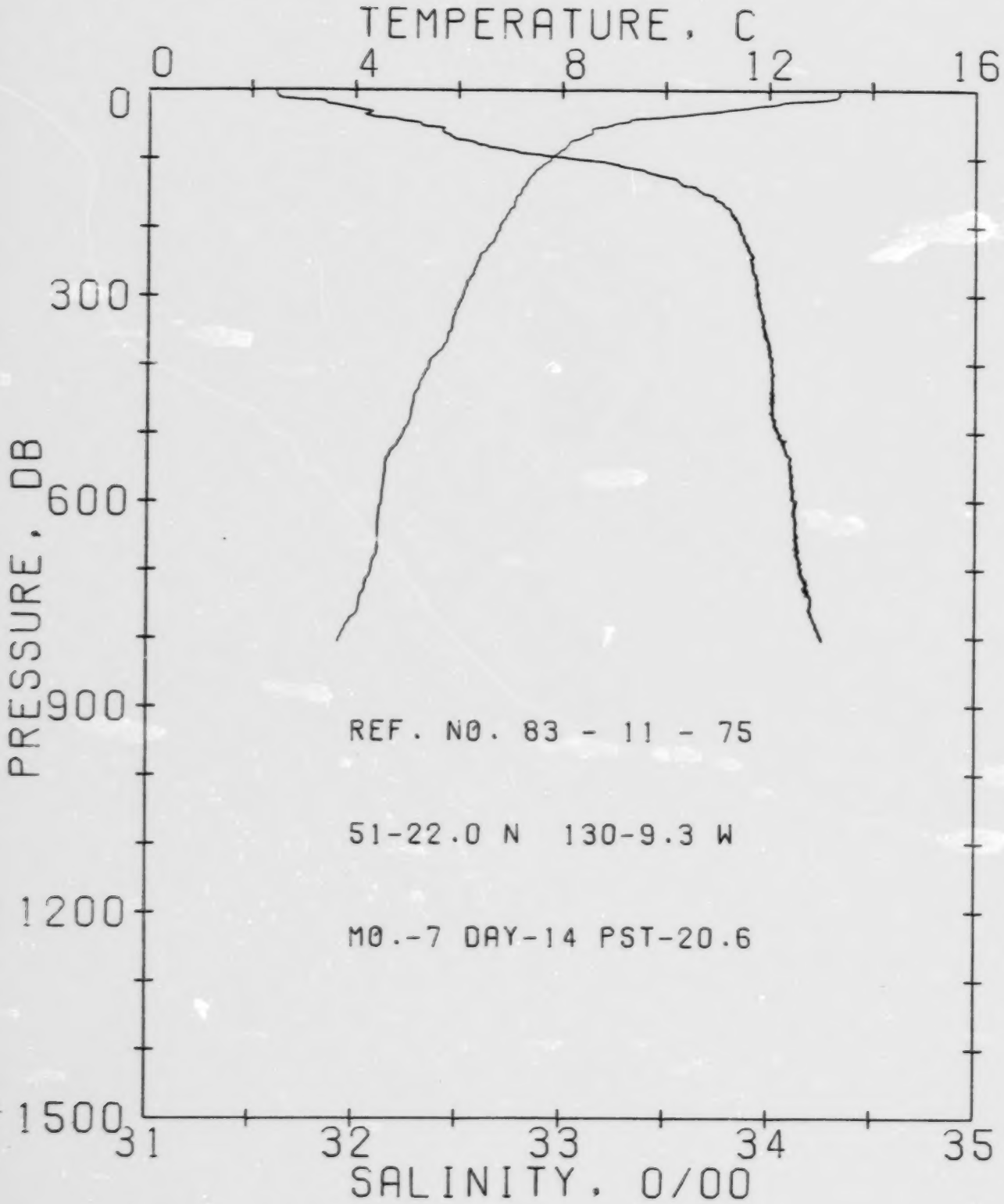
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 73 DATE 14/ 7/83
POSITION 52- .0N, 131-14.0W 15.7 STATION J 1
RESULTS OF STP CAST 505 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	11.54	31.94	0	24.32	361.1	.00	.00	1492.
10	11.29	32.00	10	24.42	352.3	.36	.02	1491.
20	10.84	32.04	20	24.52	342.4	.70	.07	1490.
30	10.77	32.05	30	24.55	340.5	1.05	.16	1490.
50	10.27	32.19	50	24.74	322.7	1.72	.43	1489.
75	9.12	32.47	75	25.14	284.5	2.45	.90	1485.
100	8.86	32.53	99	25.23	276.6	3.15	1.52	1485.
125	8.15	32.86	124	25.60	241.8	3.80	2.26	1483.
150	7.96	32.95	149	25.70	232.6	4.39	3.10	1483.
175	7.12	33.39	174	26.16	188.9	4.92	3.96	1480.
200	6.87	33.54	199	26.31	174.9	5.37	4.83	1480.
225	6.76	33.64	224	26.40	166.4	5.80	5.75	1480.
250	6.39	33.76	248	26.54	153.2	6.18	6.69	1479.
300	5.86	33.89	298	26.72	137.0	6.91	8.71	1478.
400	5.44	33.97	397	26.83	127.3	8.23	13.41	1478.
500	4.46	34.12	496	27.06	105.6	9.42	18.88	1476.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 74
51-43.0 N 130-44.5 W
MO.-7 DAY-14 PST-17.8
31
32
33
34
35
SALINITY, O/OO

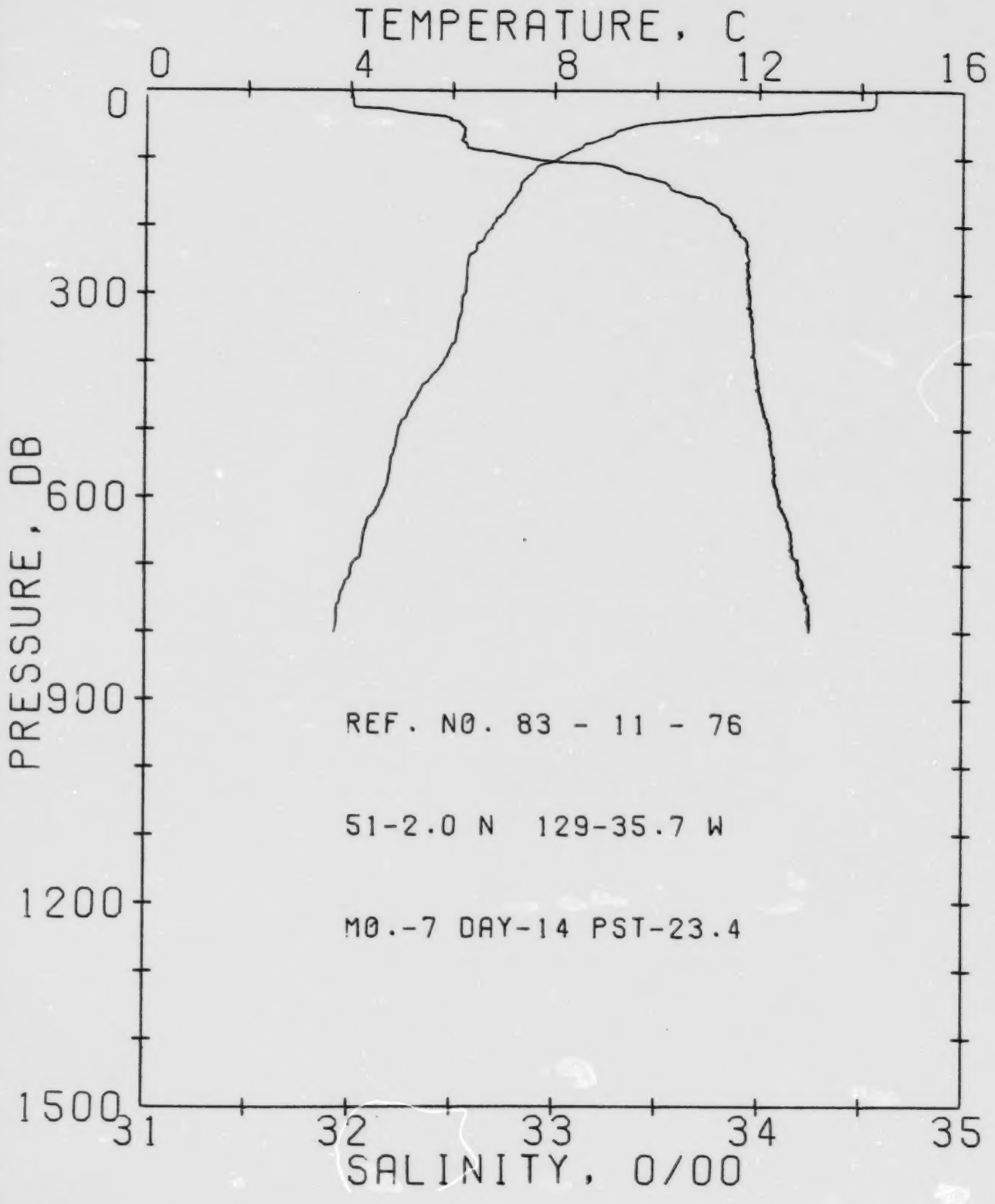
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 74 DATE 14/ 7/83
POSITION 51-43.0N, 130-44.5W 17.8 STATION QS1
RESULTS OF STP CAST 288 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	12.73	31.70	0	23.92	399.6	.00	.00	1496.
10	12.65	31.72	10	23.95	397.2	.40	.02	1496.
20	12.36	31.74	20	24.02	390.3	.79	.08	1495.
30	11.93	31.81	30	24.15	378.2	1.18	.18	1494.
50	8.98	32.36	50	25.08	289.8	1.82	.44	1484.
75	8.23	32.69	75	25.45	254.7	2.50	.87	1482.
100	7.81	33.02	99	25.77	224.5	3.11	1.41	1481.
125	7.33	33.40	124	26.14	190.6	3.63	2.01	1480.
150	6.46	33.79	149	26.56	150.4	4.08	2.64	1478.
175	6.20	33.85	174	26.65	142.7	4.44	3.23	1477.
200	6.09	33.88	199	26.68	140.1	4.79	3.90	1477.
225	6.07	33.88	223	26.68	139.5	5.14	4.66	1478.
250	5.94	33.88	248	26.70	138.3	5.49	5.50	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 75
51-22.0 N 130-9.3 W
MO.-7 DAY-14 PST-20.6
31
32
33
34
35
SALINITY, O/OO

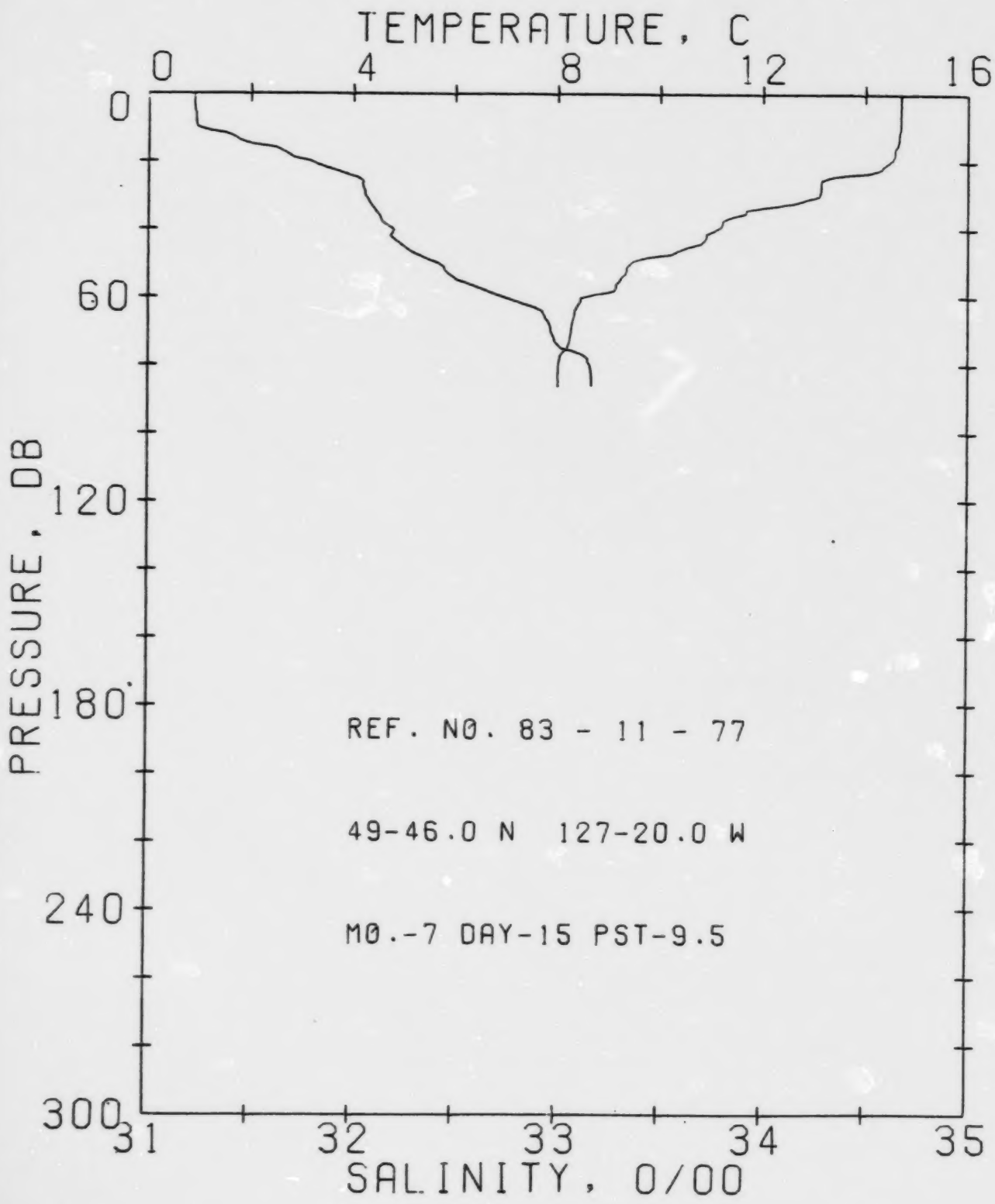
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 75 DATE 14/ 7/83
POSITION 51-22.0N, 130- 9.3W 20.6 STATION QS2
RESULTS OF STP CAST 795 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.36	31.62	0	23.73	417.9	.00	.00	1498.
10	13.34	31.63	10	23.75	416.3	.42	.02	1498.
20	12.16	31.86	20	24.15	378.2	.81	.08	1494.
30	11.08	32.06	30	24.50	345.2	1.17	.17	1491.
50	9.00	32.32	50	25.04	293.4	1.81	.43	1484.
75	8.16	32.57	75	25.37	262.8	2.51	.87	1482.
100	7.79	33.06	99	25.80	221.9	3.12	1.42	1481.
125	7.41	33.48	124	26.19	185.8	3.62	1.99	1481.
150	7.21	33.68	149	26.37	168.3	4.06	2.61	1481.
175	7.00	33.82	174	26.51	155.8	4.46	3.27	1480.
200	6.81	33.85	199	26.56	151.0	4.85	4.00	1480.
225	6.60	33.89	223	26.62	145.7	5.22	4.81	1480.
250	6.38	33.92	248	26.67	141.4	5.57	5.67	1479.
300	6.09	33.95	298	26.74	135.6	6.27	7.61	1479.
400	5.44	34.01	397	26.86	124.7	7.57	12.25	1478.
500	4.95	34.04	496	26.95	117.1	8.78	17.80	1478.
600	4.52	34.14	595	27.07	105.9	9.88	23.96	1478.
800	3.72	34.26	793	27.25	89.5	11.91	38.39	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 76
51-2.0 N 129-35.7 W
MO.-7 DAY-14 PST-23.4
31
32
33
34
35
SALINITY, O/OO

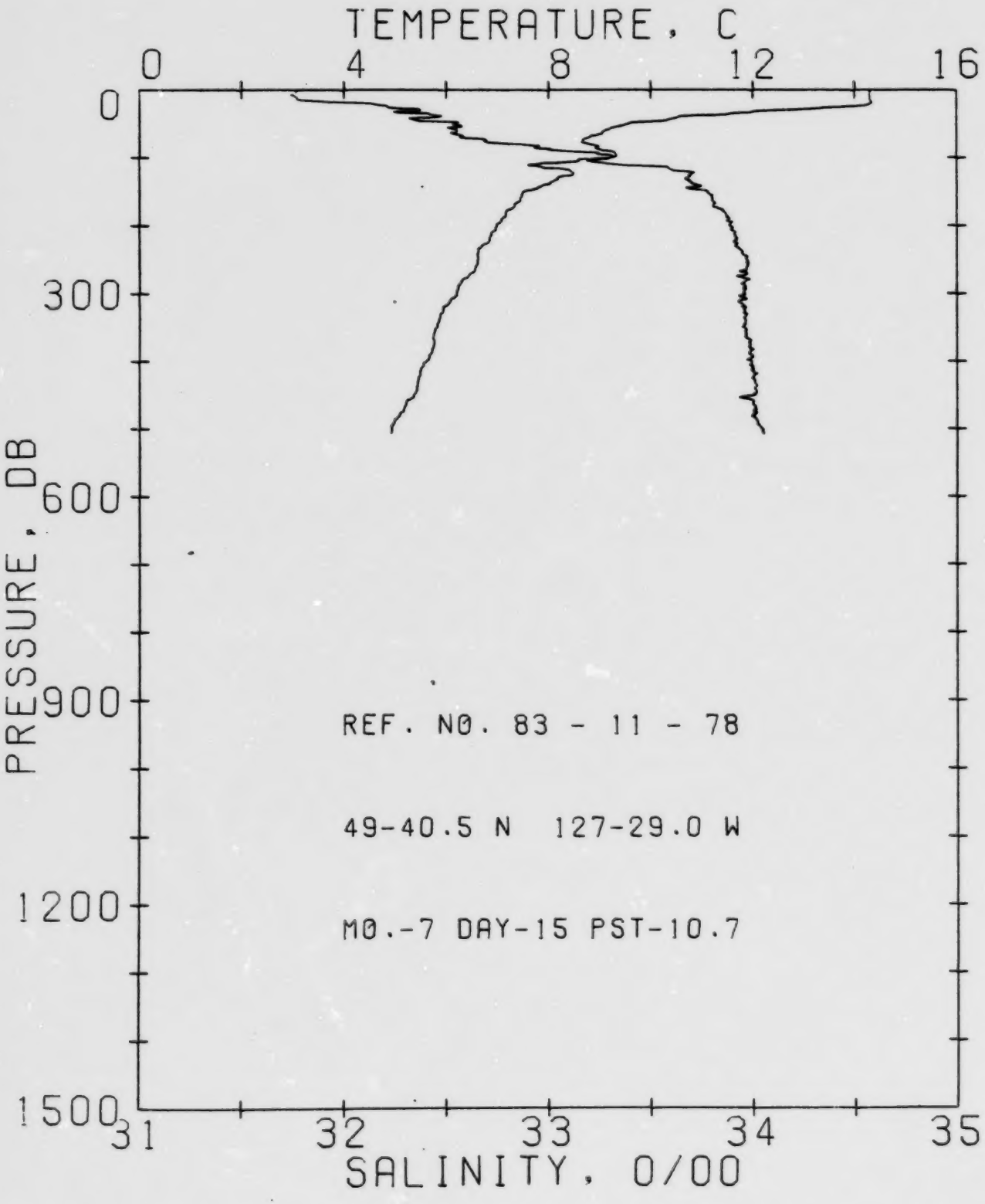
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 76 DATE 14/ 7/83
POSITION 51- 2.0N, 129-35.7W 23.4 STATION QS3
RESULTS OF STP CAST 796 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.29	32.01	0	23.84	407.0	.00	.00	1501.
10	14.29	32.01	10	23.84	407.1	.41	.02	1502.
20	14.28	32.01	20	23.85	406.9	.81	.08	1502.
30	12.91	32.23	30	24.29	365.1	1.21	.18	1498.
50	9.69	32.54	50	25.11	287.3	1.84	.44	1487.
75	8.82	32.55	75	25.25	273.7	2.54	.88	1484.
100	8.09	32.89	99	25.63	238.3	3.19	1.46	1482.
125	7.51	33.42	124	26.13	191.4	3.71	2.06	1481.
150	7.30	33.62	149	26.31	174.3	4.17	2.69	1481.
175	7.07	33.80	174	26.49	157.6	4.58	3.37	1481.
200	6.81	33.88	199	26.58	149.0	4.96	4.10	1480.
225	6.50	33.94	223	26.68	140.6	5.32	4.88	1479.
250	6.32	33.95	248	26.71	137.9	5.67	5.73	1479.
300	6.26	33.96	298	26.72	137.5	6.36	7.67	1480.
400	5.85	33.99	397	26.79	131.3	7.71	12.48	1480.
500	4.95	34.06	496	26.96	116.1	8.95	18.14	1478.
600	4.64	34.10	595	27.03	110.3	10.09	24.51	1478.
800	3.69	34.25	793	27.24	90.0	12.09	38.60	1478.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 77
49-46.0 N 127-20.0 W
MO.-7 DAY-15 PST-9.5
31
32
33
34
35
SALINITY, O/OO

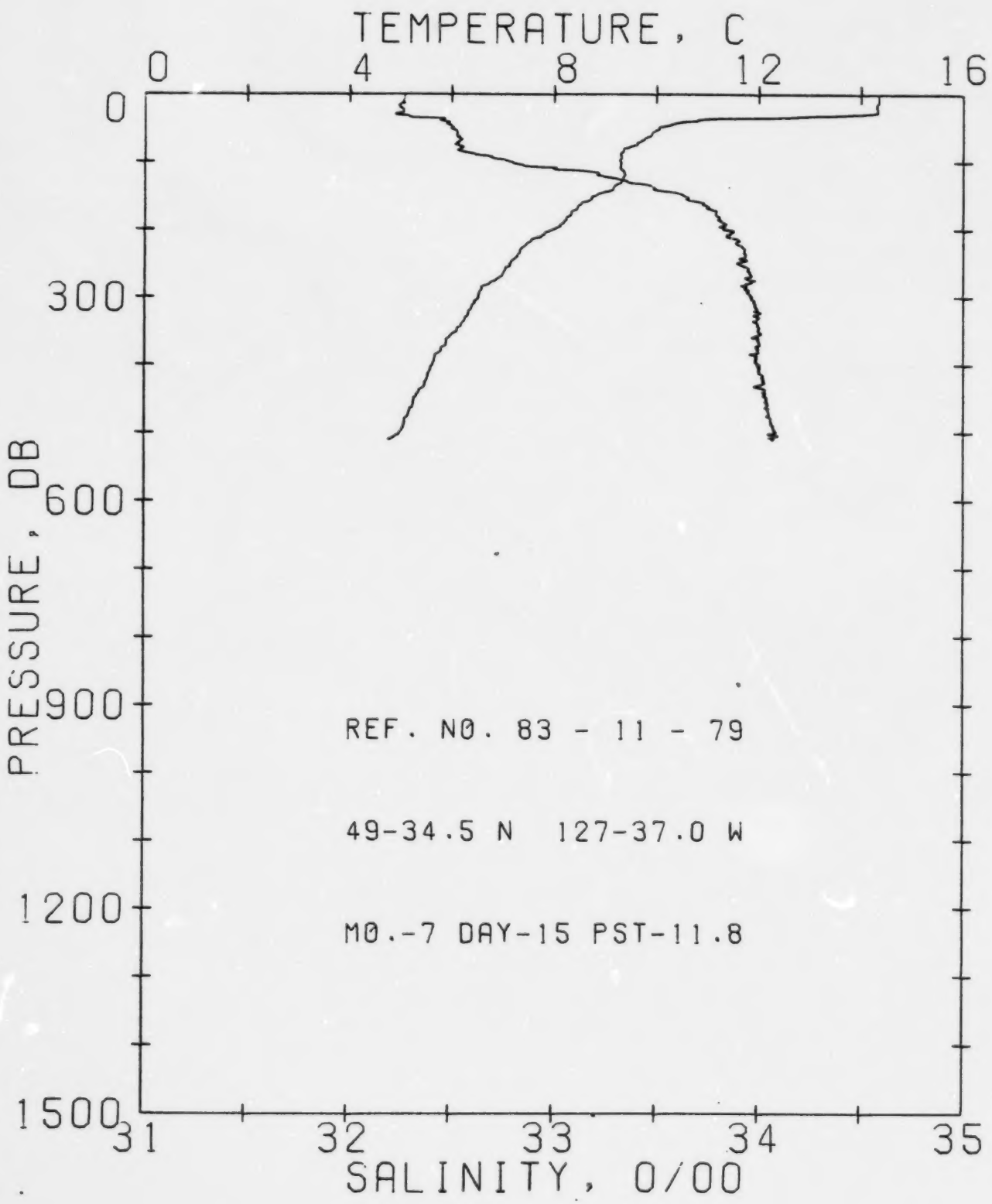
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 77 DATE 15/ 7/83
POSITION 49-46.0N, 127-20.0W 9.5 STATION WC29
RESULTS OF STP CAST 87 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.70	31.22	0	23.15	472.6	.00	.00	1502.
10	14.69	31.24	10	23.17	471.5	.47	.02	1502.
20	14.48	31.80	20	23.64	426.8	.92	.09	1502.
30	13.11	32.06	30	24.12	381.4	1.32	.19	1498.
50	9.42	32.42	50	25.06	292.1	1.99	.46	1486.
75	8.18	33.02	75	25.72	229.8	2.63	.87	1482.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 78
49-40.5 N 127-29.0 W
MO.-7 DAY-15 PST-10.7
31
32
33
34
35
SALINITY, O/OO

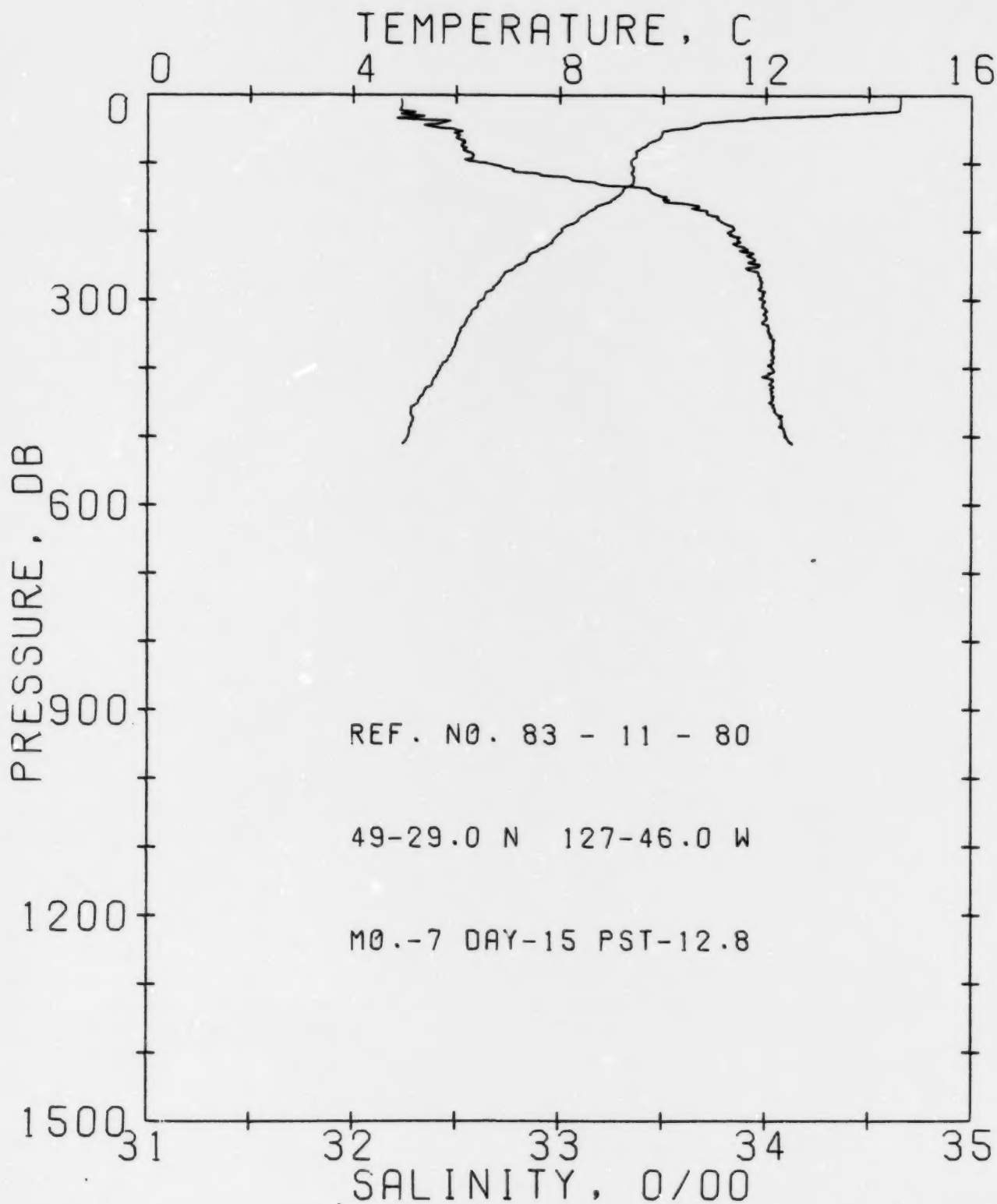
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 78 DATE 15/ 7/83
POSITION 49-40.5N, 127-29.0W 10.7 STATION WC30
RESULTS OF STP CAST 507 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.31	31.77	0	23.65	424.9	.00	.00	1501.
10	14.30	31.77	10	23.66	424.8	.43	.02	1501.
20	14.31	32.15	20	23.94	397.7	.84	.09	1502.
30	12.36	32.37	30	24.51	344.2	1.22	.18	1496.
50	9.57	32.53	50	25.12	286.3	1.85	.44	1486.
75	8.67	32.68	75	25.38	261.6	2.54	.87	1484.
100	9.07	33.30	99	25.80	222.6	3.14	1.41	1486.
125	8.48	33.68	124	26.19	185.8	3.63	1.97	1485.
150	7.48	33.79	149	26.42	164.2	4.08	2.59	1482.
175	7.27	33.84	174	26.49	158.0	4.48	3.26	1481.
200	6.98	33.88	199	26.56	151.0	4.86	3.99	1481.
225	6.82	33.92	223	26.61	146.6	5.23	4.80	1481.
250	6.62	33.97	248	26.68	140.2	5.59	5.66	1480.
300	6.20	33.96	298	26.73	136.4	6.28	7.60	1479.
400	5.59	34.00	397	26.83	127.3	7.60	12.30	1479.
500	4.92	34.04	496	26.95	116.7	8.84	17.95	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 79
49-34.5 N 127-37.0 W
MO.-7 DAY-15 PST-11.8
31
32
33
34
35
SALINITY, O/OO

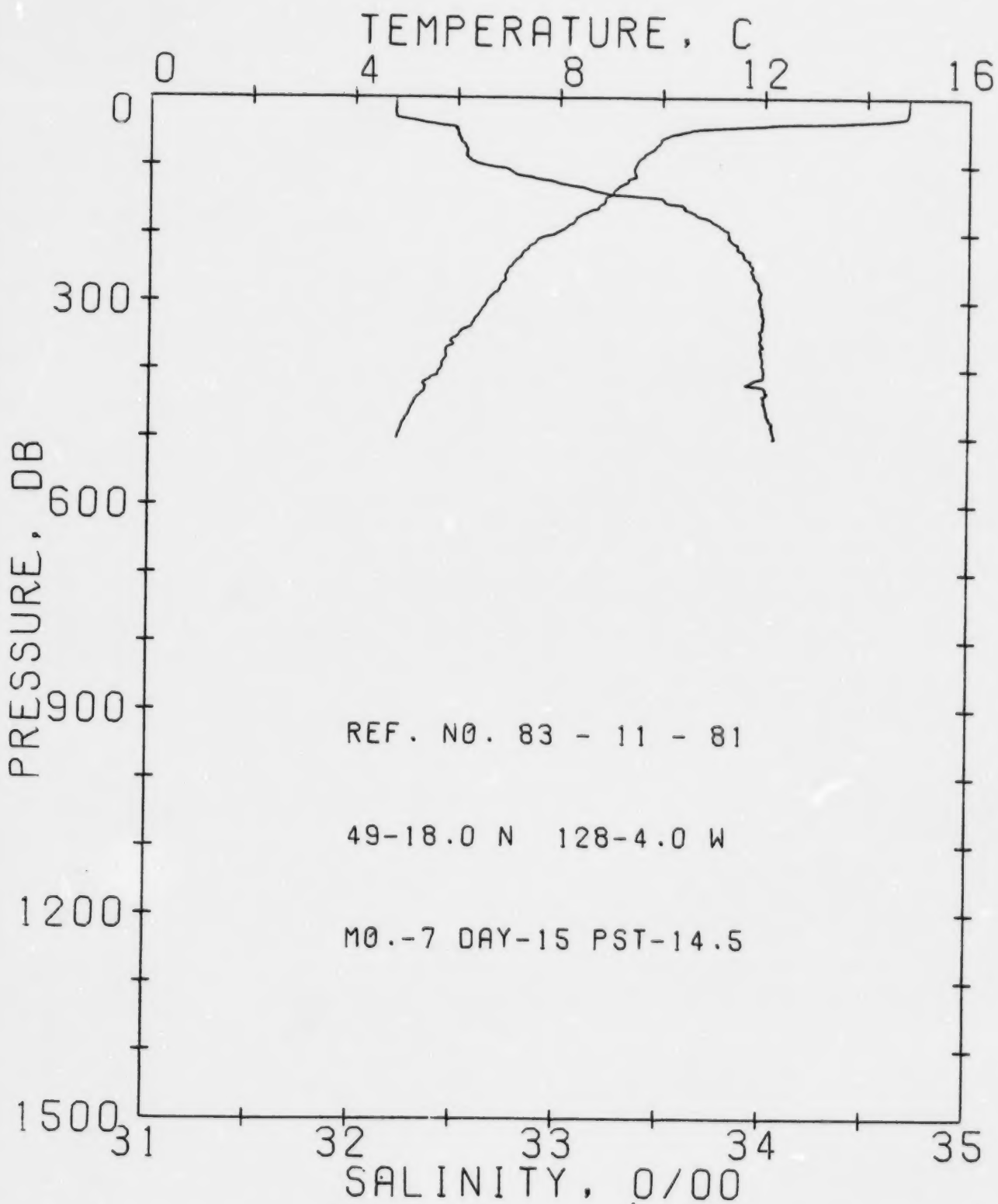
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 79 DATE 15/ 7/83
POSITION 49-34.5N, 127-37.0W 11.8 STATION WC31
RESULTS OF STP CAST 509 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.35	32.27	0	24.03	388.6	.00	.00	1502.
10	14.35	32.27	10	24.03	389.6	.39	.02	1502.
20	14.29	32.24	20	24.02	390.2	.78	.08	1502.
30	13.66	32.22	30	24.13	379.9	1.17	.18	1500.
50	10.04	32.50	50	25.02	296.0	1.80	.43	1488.
75	9.59	32.54	75	25.12	286.6	2.53	.90	1487.
100	9.31	32.81	99	25.38	262.7	3.22	1.51	1487.
125	9.35	33.32	124	25.77	225.6	3.83	2.21	1488.
150	8.77	33.64	149	26.11	193.7	4.35	2.94	1487.
175	8.32	33.79	174	26.30	176.0	4.81	3.70	1485.
200	7.95	33.83	199	26.39	168.1	5.24	4.53	1484.
225	7.40	33.92	224	26.53	154.4	5.64	5.39	1483.
250	7.13	33.90	248	26.56	152.5	6.02	6.31	1482.
300	6.52	33.96	298	26.68	140.7	6.75	8.34	1481.
400	5.61	34.00	397	26.84	127.1	8.08	13.07	1479.
500	4.97	34.07	496	26.97	115.1	9.29	18.62	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 80
49-29.0 N 127-46.0 W
MO.-7 DAY-15 PST-12.8
31
32
33
34
35
SALINITY, O/OO

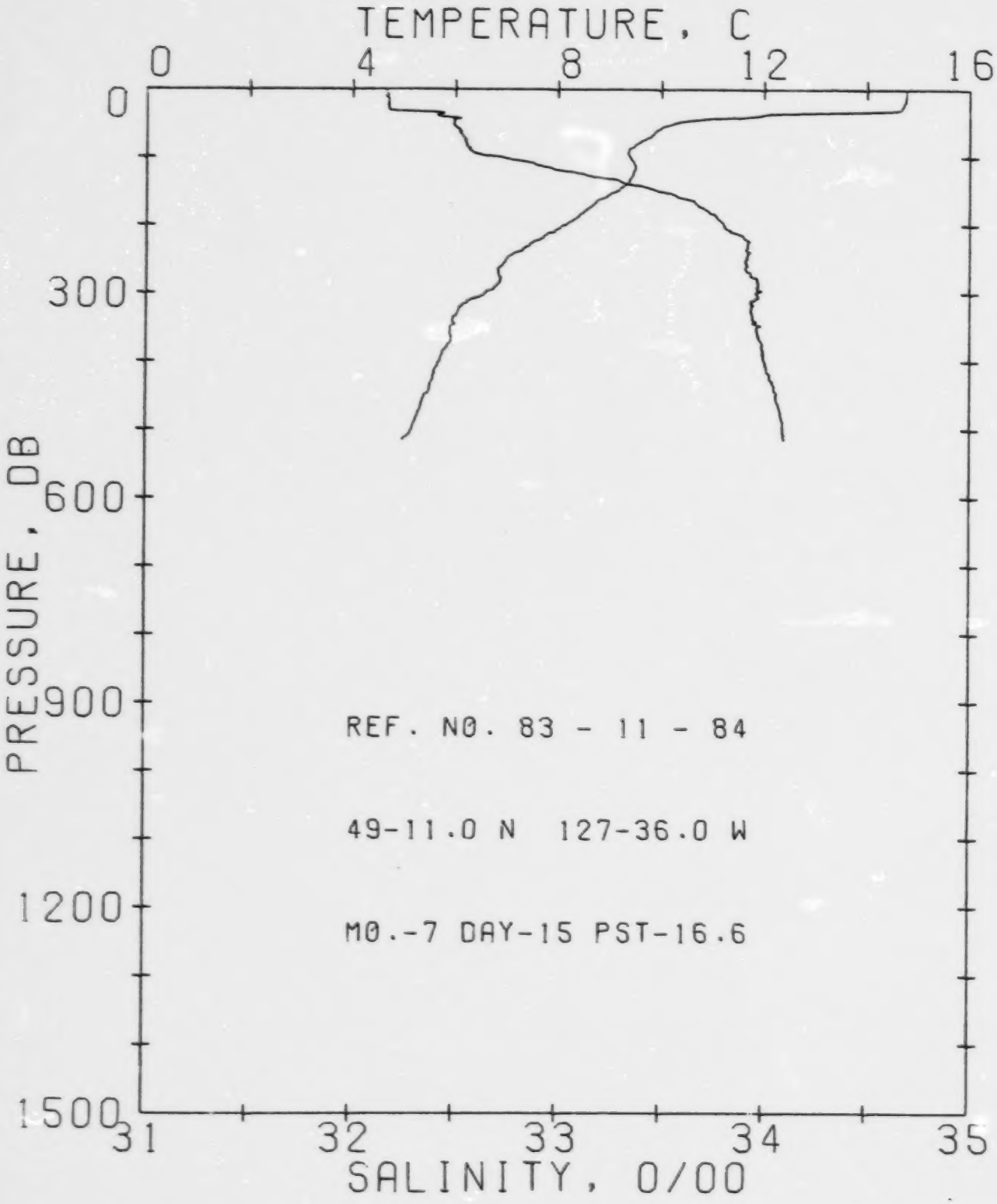
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 80 DATE 15/ 7/83
POSITION 49-29.0N, 127-46.0W 12.8 STATION WC32
RESULTS OF STP CAST 512 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.62	32.23	0	23.95	397.0	.00	.00	1503.
10	14.62	32.24	10	23.95	397.0	.40	.02	1503.
20	14.60	32.23	20	23.95	397.5	.79	.08	1503.
30	13.17	32.30	30	24.29	364.6	1.18	.18	1499.
50	10.27	32.49	50	24.97	300.2	1.83	.44	1489.
75	9.66	32.52	75	25.10	288.5	2.56	.91	1487.
100	9.38	32.66	99	25.25	274.8	3.27	1.54	1487.
125	9.43	33.06	124	25.56	246.1	3.92	2.28	1488.
150	9.07	33.53	149	25.97	206.8	4.47	3.06	1488.
175	8.50	33.71	174	26.21	184.8	4.96	3.87	1486.
200	8.04	33.83	199	26.37	169.7	5.40	4.70	1485.
225	7.64	33.90	224	26.49	159.1	5.81	5.60	1484.
250	7.17	33.96	248	26.60	148.2	6.20	6.53	1482.
300	6.52	33.99	298	26.71	138.4	6.91	8.53	1481.
400	5.68	34.03	397	26.85	125.6	8.23	13.21	1479.
500	5.07	34.10	496	26.98	114.2	9.43	18.74	1478.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 81
49-18.0 N 128-4.0 W
MO.-7 DAY-15 PST-14.5
31
32
33
34
35
SALINITY, O/OO

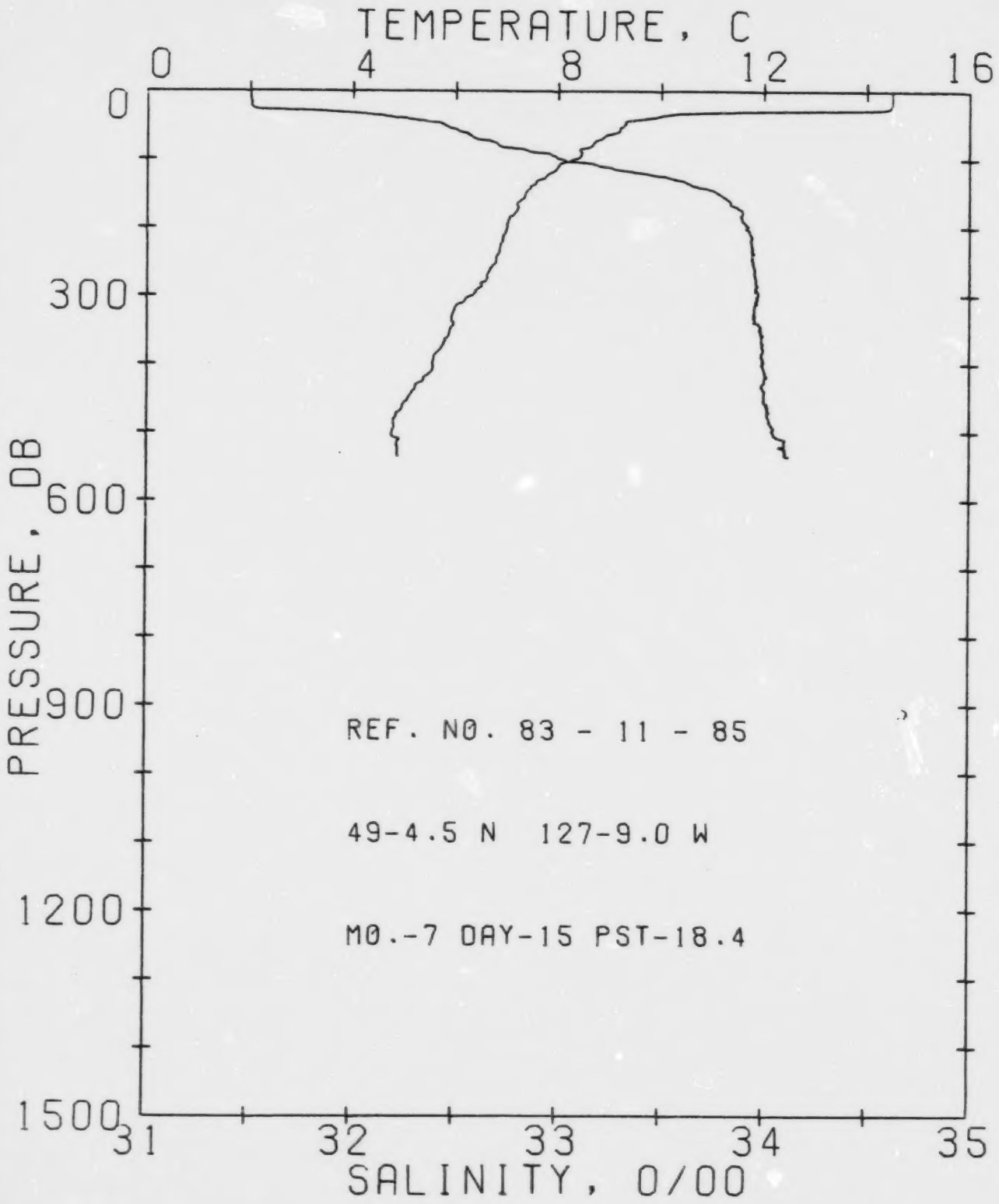
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 81 DATE 15/ 7/83
POSITION 49-18.0N, 128- 4.0W . 14.5 STATION WC34
RESULTS OF STP CAST 498 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.82	32.20	0	23.88	403.5	.00	.00	1503.
10	14.81	32.20	10	23.88	403.5	.40	.02	1504.
20	14.80	32.19	20	23.88	404.3	.81	.08	1504.
30	14.72	32.20	30	23.90	402.1	1.21	.19	1504.
50	10.44	32.50	50	24.95	302.3	1.90	.46	1490.
75	9.84	32.55	75	25.09	289.6	2.64	.93	1488.
100	9.48	32.65	99	25.23	276.7	3.35	1.57	1487.
125	9.31	32.99	124	25.52	249.9	4.01	2.32	1487.
150	8.88	33.50	149	25.99	205.6	4.58	3.12	1487.
175	8.37	33.69	174	26.21	184.7	5.07	3.93	1485.
200	7.92	33.82	199	26.38	168.6	5.51	4.77	1484.
225	7.34	33.89	224	26.52	155.9	5.91	5.64	1483.
250	7.01	33.94	248	26.61	147.7	6.29	6.56	1482.
300	6.59	33.98	298	26.69	139.9	7.01	8.57	1481.
400	5.69	34.00	397	26.82	128.3	8.34	13.32	1479.
500	4.84	34.06	496	26.97	114.8	9.57	18.91	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 84
49-11.0 N 127-36.0 W
MO.-7 DAY-15 PST-16.6
31
32
33
34
35
SALINITY, O/OO

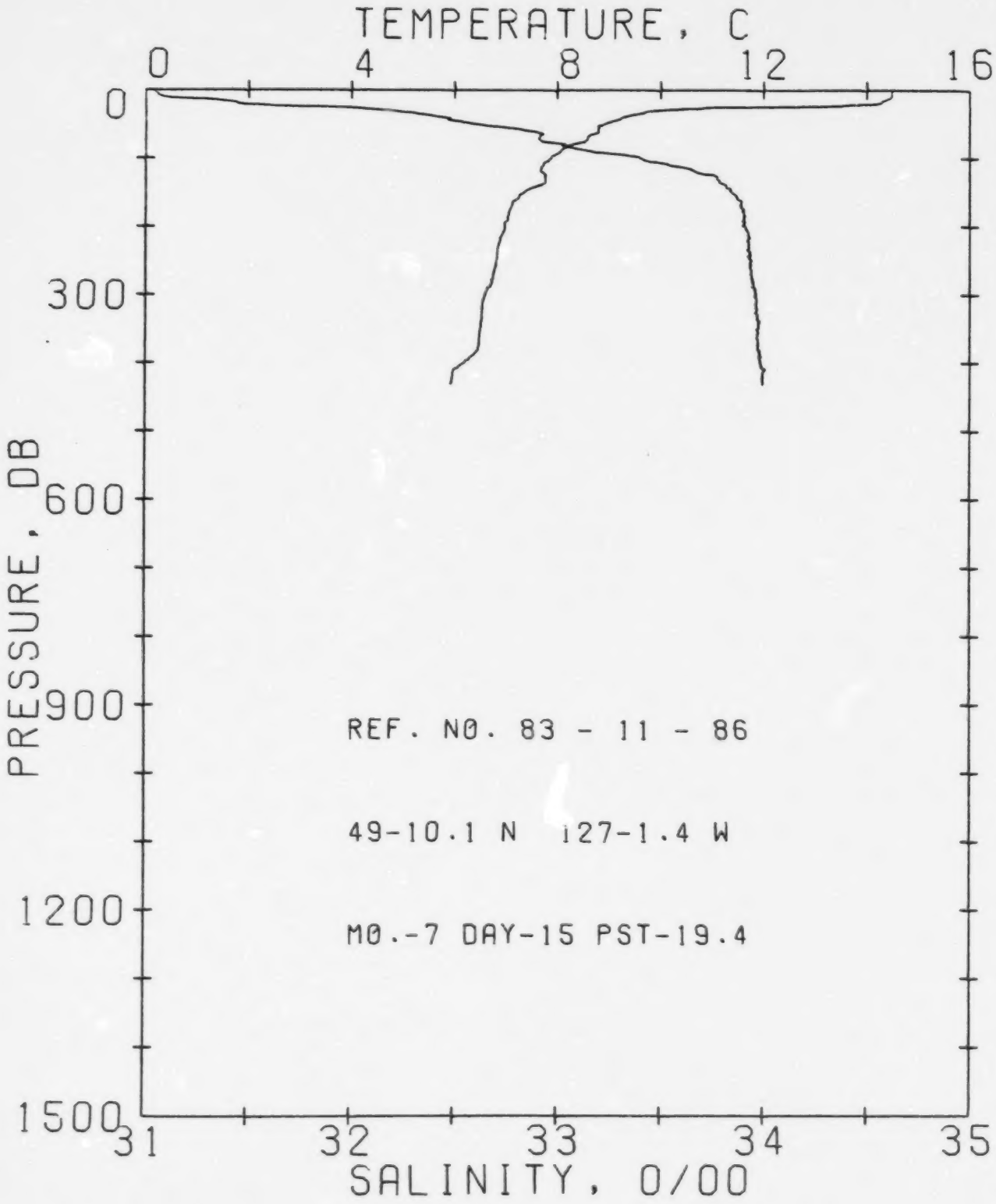
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 84 DATE 15/ 7/83
POSITION 49-11.0N, 127-[illegible] 16.6 STATION WC34
RESULTS OF STP CAST 51[illegible] TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED, PRESSURE ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.77	32.17	0	23.86	405.0	.00	.00	1503.
10	14.76	32.17	10	23.87	405.0	.40	.02	1503.
20	14.71	32.17	20	23.88	403.8	.81	.08	1503.
30	14.63	32.18	30	23.90	402.4	1.21	.19	1503.
50	10.22	32.50	50	24.99	298.8	1.87	.45	1489.
75	9.62	32.55	75	25.13	286.1	2.60	.92	1487.
100	9.40	32.74	99	25.31	268.9	3.30	1.54	1487.
125	9.44	33.14	124	25.61	240.7	3.94	2.27	1488.
150	9.11	33.52	149	25.96	208.0	4.50	3.05	1488.
175	8.57	33.72	174	26.20	185.3	4.99	3.86	1486.
200	8.09	33.81	199	26.35	172.1	5.44	4.71	1485.
225	7.50	33.92	224	26.52	156.0	5.85	5.60	1483.
250	6.99	33.91	248	26.58	150.1	6.23	6.52	1482.
300	6.57	33.97	298	26.68	140.8	6.96	8.56	1481.
400	5.70	34.01	397	26.83	128.0	8.29	13.32	1479.
500	5.16	34.09	496	26.96	115.9	9.51	18.88	1479.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 85
49-4.5 N 127-9.0 W
MO.-7 DAY-15 PST-18.4
31
32
33
34
35
SALINITY, O/OO

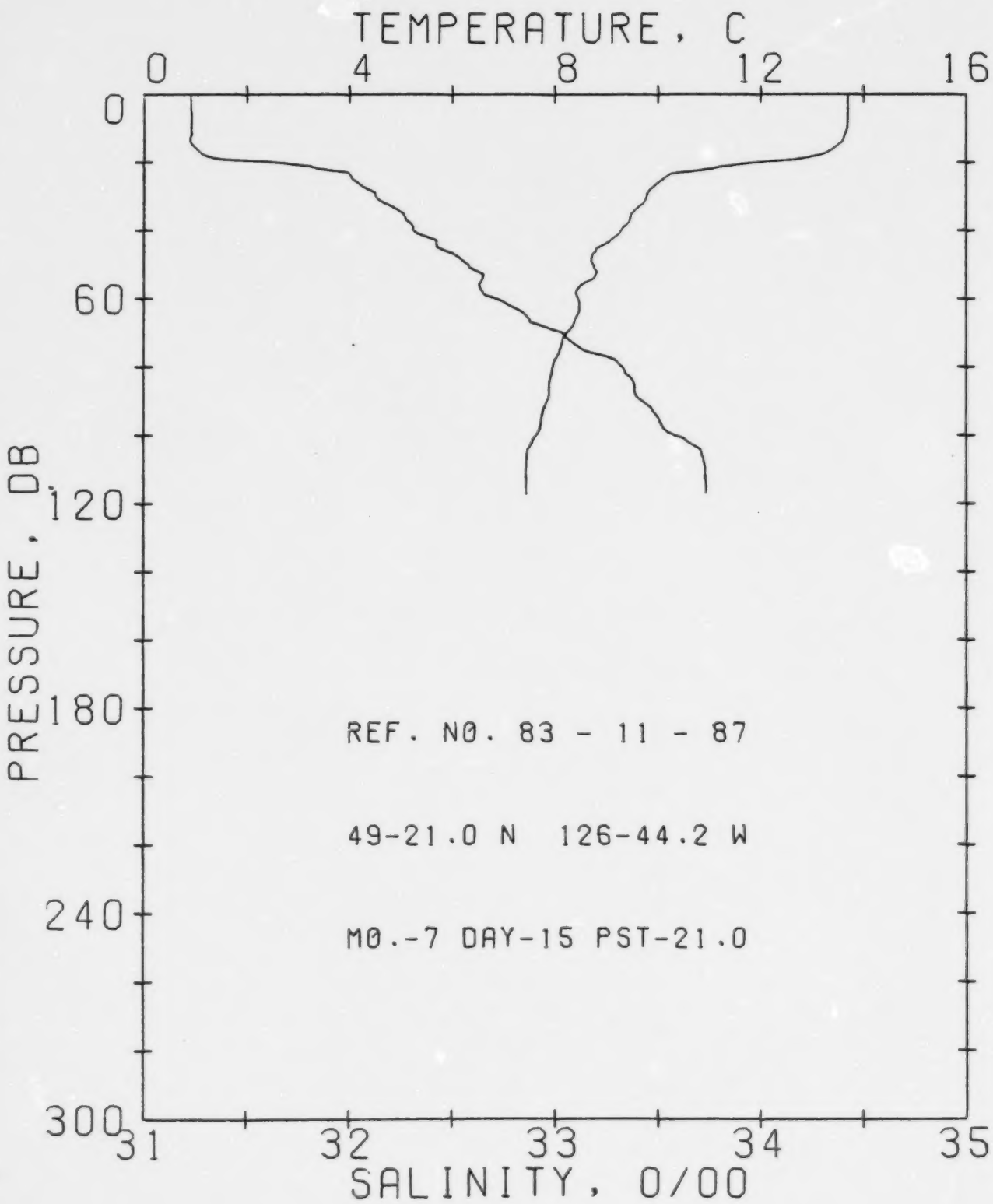
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 85 DATE 15/ 7/83
POSITION 49- 4.5N, 127- 9.0W 18.4 STATION WC22
RESULTS OF STP CAST 534 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.49	31.50	0	23.41	448.0	.00	.00	1501.
10	14.49	31.50	10	23.41	448.2	.45	.02	1502.
20	14.47	31.51	20	23.42	447.8	.90	.09	1502.
30	11.60	31.87	30	24.26	368.0	1.33	.20	1493.
50	9.28	32.45	50	25.10	287.8	1.96	.45	1485.
75	8.70	32.69	75	25.38	261.5	2.65	.89	1484.
100	8.32	33.02	99	25.69	232.3	3.27	1.44	1483.
125	7.75	33.53	124	26.18	186.8	3.79	2.04	1482.
150	7.36	33.78	149	26.43	162.7	4.22	2.65	1481.
175	7.20	33.89	174	26.54	152.8	4.62	3.30	1481.
200	7.01	33.92	199	26.59	148.7	4.99	4.02	1481.
225	6.87	33.94	224	26.62	145.7	5.36	4.81	1481.
250	6.79	33.95	248	26.65	143.9	5.72	5.69	1481.
300	6.32	33.97	298	26.72	137.1	6.43	7.66	1480.
400	5.55	34.00	397	26.84	126.9	7.74	12.35	1478.
500	4.77	34.05	496	26.97	114.6	8.95	17.88	1477.


TEMPERATURE, C
0
4
8
12
16
0
300
600
900
1200
1500
PRESSURE, DB
REF. NO. 83 - 11 - 86
49-10.1 N 127-1.4 W
MO.-7 DAY-15 PST-19.4
31
32
33
34
35
SALINITY, O/OO

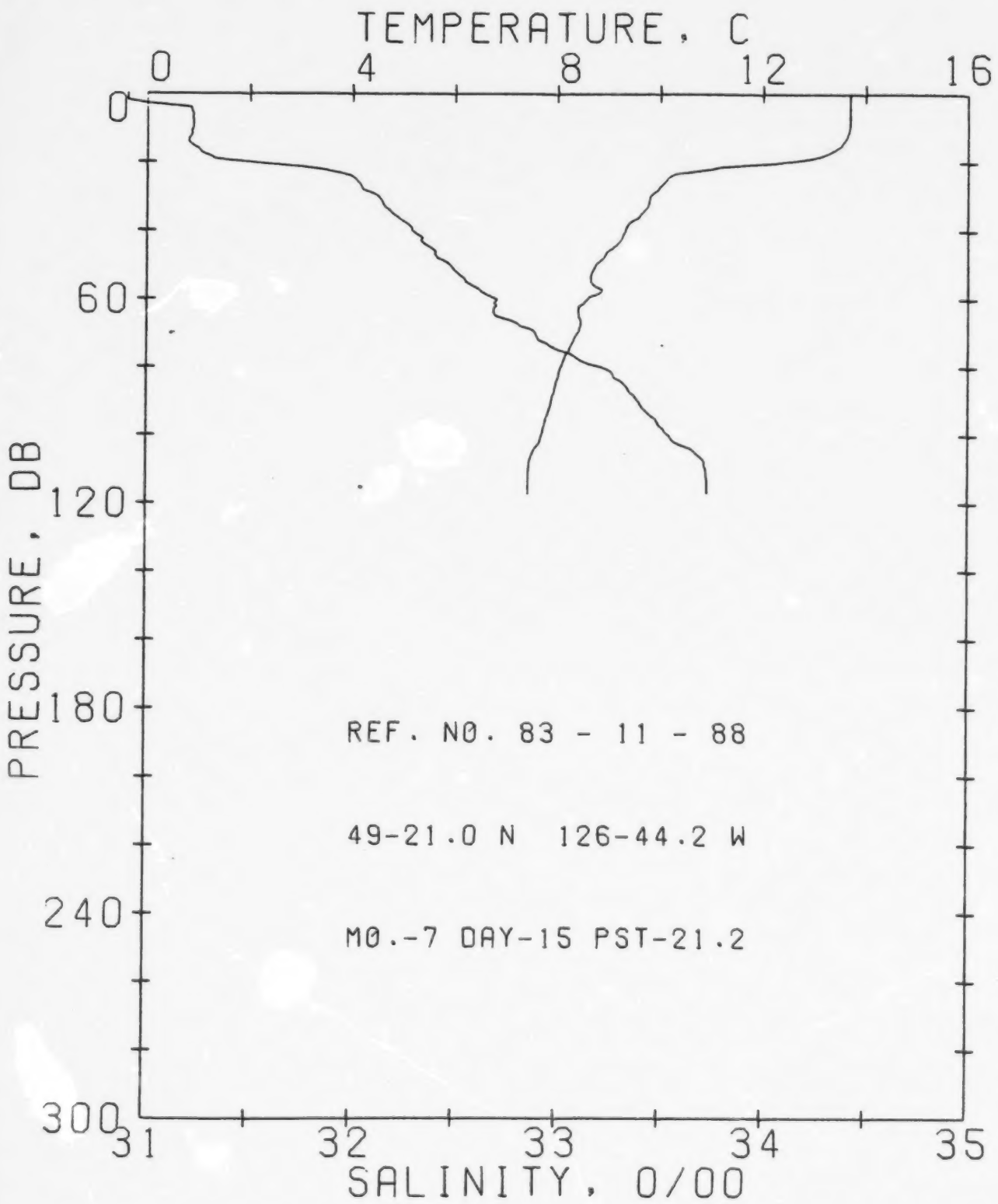
OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 86 DATE 15/ 7/83
POSITION 49-10.1N, 127- 1.4W 19.4 STATION WC23
RESULTS OF STP CAST 431 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	14.49	31.05	0	23.06	481.4	.00	.00	1501.
10	14.48	31.09	10	23.09	478.6	.48	.02	1501.
20	14.25	31.45	20	23.42	447.4	.94	.09	1501.
30	10.00	32.20	30	24.79	317.1	1.31	.19	1487.
50	8.91	32.61	50	25.29	270.1	1.89	.42	1484.
75	8.54	32.93	75	25.59	241.6	2.52	.82	1483.
100	7.87	33.41	99	26.07	197.0	3.07	1.30	1482.
125	7.78	33.77	124	26.36	169.3	3.52	1.83	1483.
150	7.36	33.84	149	26.48	158.4	3.93	2.40	1481.
175	7.08	33.90	174	26.57	150.3	4.32	3.04	1481.
200	6.98	33.92	199	26.59	148.6	4.69	3.75	1481.
225	6.86	33.93	223	26.61	146.5	5.06	4.55	1481.
250	6.82	33.95	248	26.64	144.9	5.42	5.44	1481.
300	6.60	33.96	298	26.68	141.7	6.14	7.45	1481.
400	6.19	33.98	397	26.75	136.1	7.54	12.44	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 87
49-21.0 N 126-44.2 W
MO.-7 DAY-15 PST-21.0
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 87 DATE 15/ 7/83
POSITION 49-21.0N, 126-44.2W 21.0 STATION WC25
RESULTS OF STP CAST 118 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.71	31.23	0	23.36	452.7	.00	.00	1499.
10	13.70	31.23	10	23.36	452.8	.45	.02	1499.
20	11.82	31.64	20	24.04	388.4	.90	.09	1493.
30	9.80	32.13	30	24.77	319.0	1.23	.18	1486.
50	8.75	32.58	50	25.29	270.0	1.82	.41	1483.
75	8.10	33.14	75	25.82	219.7	2.44	.81	1482.
100	7.65	33.58	99	26.23	180.9	2.94	1.25	1481.


TEMPERATURE, C
0
4
8
12
16
0
60
120
180
240
300
PRESSURE, DB
REF. NO. 83 - 11 - 88
49-21.0 N 126-44.2 W
MO.-7 DAY-15 PST-21.2
31
32
33
34
35
SALINITY, O/OO

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83-11- 88 DATE 15/ 7/83
POSITION 49-21.0N, 126-44.2W 21.2 STATION WC25
RESULTS OF STP CAST 118 POINTS TAKEN FROM DIGITAL SYSTEM
GUILDLINE WAS USED,PRESSURES ARE INPUT

PRESS	TEMP	SAL	DEPTH	SIGMA T	SVA	DELTA D	POT. EN	SOUND
0	13.71	30.90	0	23.11	476.7	.00	.00	1498.
10	13.70	31.22	10	23.36	453.5	.46	.02	1499.
20	12.27	31.52	20	23.87	405.2	.91	.09	1494.
30	9.81	32.13	30	24.77	319.1	1.25	.18	1486.
50	8.75	32.48	50	25.21	277.6	1.85	.42	1483.
75	8.24	33.01	75	25.70	231.1	2.49	.83	1482.
100	7.70	33.55	99	26.20	184.3	2.99	1.28	1482.

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 2 DATE 10/ 7/83 19.9
POSITION 54-15.3 N, 131-46.0 W STATION QC62
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
20		31.698	5.934
30		32.158	4.881
50		32.317	4.655
75		32.693	3.986
125		32.971	3.404
150		33.424	2.740

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 3 DATE 10/ 7/83 21.5
POSITION 54-10.2 N, 132- 6.5 W STATION QC60
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.957	6.551
10		31.285	6.527
20		31.742	6.527
30		31.878	5.707
50		32.071	5.159

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 5 DATE 10/ 7/83 23.2
POSITION 54-23.5 N, 132- 5.8 W STATION QC58
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.198	6.425
10		30.495	6.440
20		31.870	5.603
30		32.145	4.966
50		32.301	4.640
75		32.620	4.152
100		32.948	3.563
150		33.426	2.834
200		33.716	2.563
300		33.920	2.251

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 7 DATE 11/ 7/83 1.1
POSITION 54-34.3 N, 132- 6.5 W STATION QC56
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.920	6.238
10		31.096	6.089
20		31.559	5.856
30		31.751	5.542
50			5.274
75		32.262	4.408
100		32.635	4.117
125		32.886	2.017
150		33.295	2.992
160		33.371	2.878

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 9 DATE 11/ 7/83 2.7
POSITION 54-38.4 N, 132-18.0 W STATION QC54
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.619	6.342
10		30.831	6.362
20		31.157	5.881
30		31.438	5.497
50			5.199
75		31.438	4.693
100		32.728	3.786
125		33.213	3.247
138		33.204	3.240

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 11 DATE 11/ 7/83 4.3
POSITION 54-34.4 N, 132-31.4 W STATION QC46
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		29.929	4.815
10		30.198	6.211
20		30.575	6.058
30		31.125	5.830
50		31.620	5.419
100		32.829	3.540
150		33.246	3.023
200		33.559	2.616
250		33.794	2.273
300		33.860	2.153

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 13 DATE 11/ 7/83 6.2
POSITION 54-23.4 N, 132-32.6 W STATION QC48
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		29.853	6.167
10		30.391	6.562
20		31.336	6.102
30		31.707	5.392
50		31.997	4.533
100		32.827	3.598
150		33.363	2.976
200		33.613	2.720
250		33.753	2.466
280		33.785	2.354

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 15 DATE 11/ 7/83 7.9
POSITION 54-11.0 N, 132-34.5 W STATION QC63
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.263	6.406
10		30.741	6.180
20		31.258	5.852
30		31.394	5.818
50		31.695	
75		32.289	4.506
95		33.380	3.176

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 17 DATE 11/ 7/83 10.3
POSITION 54-19.0 N, 133- 3.3 W STATION QC28
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		30.980	6.369
10		30.997	6.348
20		31.797	5.952
30		31.890	5.987
50		31.966	5.611
100		33.127	3.318
150		33.465	2.962
200		33.648	2.749
300		33.832	2.603
400		33.972	2.262

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 18 DATE 11/ 7/83 11.9
POSITION 54-21.5 N, 133-24.0 W STATION QC64
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.591	6.268
10		31.621	6.266
20		31.921	6.200
30		31.755	5.621
50			5.363
75		32.544	4.296
100		32.617	4.144
125		32.910	4.086
150		33.157	3.936
210		33.776	2.487

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 19 DATE 11/ 7/83 13.6
POSITION 54-24.0 N, 133-47.0 W STATION QC34
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.835	6.279
10		31.923	6.233
20		32.273	5.396
30		32.028	6.091
50		32.282	5.984
75		32.460	6.075
100		32.562	5.967
125		32.843	4.854
150		33.416	3.600
200		33.857	2.766

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 21 DATE 11/ 7/83 15.3
POSITION 54-14.4 N, 133-28.5 W STATION QC32
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		32.156	6.233
10		32.073	6.244
20		31.984	6.237
30		32.025	6.227
50		31.913	5.816
100		32.654	5.205
150		33.307	3.859
200		33.714	2.978
300		33.922	2.180
380		33.927	1.876

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 23 DATE 11/ 7/83 16.8
POSITION 54-10.0 N, 133-19.0 W STATION QC30
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.944	6.264
10		31.968	6.339
20		31.919	6.356
30		31.951	6.300
50		32.334	5.603
75		32.854	4.881
100		33.020	4.556
150		33.796	3.189
200		33.799	2.713
240		33.855	2.572

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 25 DATE 11/ 7/83 18.1
POSITION 54- .7 N, 133-16.4 W STATION QC17
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.913	6.193
10		31.961	6.224
20		31.996	6.213
30		32.058	6.148
50		32.374	5.774
60		32.481	5.590

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 26 DATE 11/ 7/83 18.8
POSITION 53-59.2 N, 133-23.0 W STATION QC18
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.230
10			6.237
20			6.294
30			6.271
50			6.119
68			5.675

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 27 DATE 11/ 7/83 19.4
POSITION 53-57.8 N, 133-29.7 W STATION QC19
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.475
10			6.593
20			6.341
30			6.269
50			5.997
75			5.763
100			5.160
150			3.175
200			2.407
230			2.213

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 29 DATE 11/ 7/83 21.2
POSITION 53-53.5 N, 133-49.5 W STATION QC21
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.166
20			6.194
30			6.439
50			6.144
100			5.749
150			3.929
200			3.301
300			2.540
500			1.122
1000			.407

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 30 DATE 11/ 7/83 22.8
POSITION 53-44.5 N, 133-47.0 W STATION QC22
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.166
20			6.177
50			6.180
100			5.475
150			3.676
200			3.127
300			2.447
500			1.081
1000			.352

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 33 DATE 12/ 7/83 2.6
POSITION 53-48.8 N, 133-27.1 W STATION QC24
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.168
10			6.215
20			6.225
30			6.405
50			6.009
100			5.425
150			3.556
200			3.025
300			2.436
390			2.012

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 34 DATE 12/ 7/83 3.4
POSITION 53-50.8 N, 133-20.2 W STATION QC25
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.118
10			6.134
20			6.156
30			6.173
50			6.272
75			5.932
100			5.601
125			4.610
140			3.603

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 35 DATE 12/ 7/83 4.2
POSITION 53-51.5 N, 133-15.2 W STATION QC26
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.173
10			6.186
20			6.218
30			6.192
50			6.130
60			5.989

OFFSHORE OCEANOGRAPHY GROUP .
REFERENCE NO. 83- 11- 36 DATE 12/ 7/83 5.4
POSITION 53-42.8 N, 133-11.4 W STATION QC67
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.907	6.174
10		31.910	6.181
20		31.925	6.206
30		31.958	6.214
50		32.072	6.252
75		32.380	5.729
100		32.705	5.182
125		33.082	
135		33.290	3.978

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 37 DATE 12/ 7/83 6.4
POSITION 53-39.9 N, 133-23.2 W STATION QC69
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.136
10			6.160
30			6.521
50			6.209
100			5.747
150			3.741
200			3.155
300			2.471
500			1.066
550			.931

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 39 DATE 12/ 7/83 8.8
POSITION 53-35.0 N, 133-43.0 W STATION QC71
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.931	6.137
30		32.217	6.717
50		32.382	6.298
100		32.599	6.120
150		33.842	3.699
200		33.839	3.237
300		33.916	2.628
500		34.060	1.060
1000		34.404	.430
1500		34.533	.759

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 40 DATE 12/ 7/83 10.5
POSITION 53-26.0 N, 133-40.6 W STATION QC72
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
300		33.982	2.662
500		34.090	.993
1500		34.602	.688

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 41 DATE 12/ 7/83 12.2
POSITION 53-16.0 N, 133-38.0 W STATION QC73
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0		31.928	6.139
30		32.186	6.798
50		32.383	6.323
100		32.562	6.297
150		33.282	4.345
200		33.859	3.358
300		33.931	2.553
500		34.087	.970
1000		34.371	.315
1500		34.535	.713

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 45 DATE 12/ 7/83 17.1
POSITION 53- 1.5 N, 133-24.0 W STATION QC75
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0	14.40	31.724	6.138
20	13.04	31.899	6.362
30	11.55	32.062	6.675
49	9.63	32.295	6.314
99	7.54	32.598	6.001
148	7.66	33.415	3.881
197	6.96	33.782	3.134
296	5.70	33.983	2.475
494	4.59	34.057	1.063
792	3.73	34.255	.351
991	3.37	34.367	.296
1190	2.88	34.415	.374
1489	2.43	34.495	.655
1987	1.95	34.591	1.376

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 47 DATE 12/ 7/83 20.1
POSITION 53-12.0 N, 133- 1.0 W STATION QC77
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.140
20			6.173
30			6.369
50			6.401
100			6.237
200			3.152
300			2.485
500			1.300
800			.475
847			.432

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 48 DATE 12/ 7/83 21.1
POSITION 53-14.5 N, 132-55.0 W STATION QC78
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.123
20			6.307
30			6.202
50			6.354
100			6.066
150			4.004
200			3.061
300			2.571
500			1.230
730			.619

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 49 DATE 12/ 7/83 22.0
POSITION 53-17.0 N, 132-49.0 W STATION QC79
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.161
10			6.220
20			6.231
30			6.218
50			6.262
75			5.823
100			5.320
150			3.333
200			2.745
210			2.747

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 51 DATE 12/ 7/83 23.9
POSITION 53- 3.9 N, 132-35.5 W STATION QC11
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.132
10			6.145
20			6.219
30			6.142
50			6.394
75			5.488
100			4.978
125			3.931
150			3.432
200			2.736

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 52 DATE 13/ 7/83 .7
POSITION 53- .0 N, 132-40.0 W STATION QC10
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.122
30			6.226
50			6.484
100			5.839
200			3.037
300			2.180
400			1.804
500			1.052
800			.385
1000			.380

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 54 DATE 13/ 7/83 2.5
POSITION 52-57.3 N, 132-44.8 W STATION QC08
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.126
30			6.431
50			6.265
100			5.612
200			3.058
300			2.455
400			1.508
500			.960
800			.421
1000			.342

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 56 DATE 13/ 7/83 5.4
POSITION 52-45.7 N, 133- 9.5 W STATION QC82
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.137
10			6.177
30			6.737
50			6.266
100			5.586
150			3.840
200			3.281
500			1.082
1000			.385
1500			.773

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 58 DATE 13/ 7/83 8.7
POSITION 52-34.4 N, 132-54.6 W STATION QC84
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.159
10			6.473
30			6.518
50			6.474
100			3.347
200			2.661
300			1.140
500			.554
1000			.882

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 60 DATE 13/ 7/83 12.2
POSITION 52-46.0 N, 132-30.6 W STATION QC15
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.211
30			6.151
50			6.157
100			5.571
200			2.853
300			2.188
400			1.570
500			1.014
800			.364
1000			.331

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 61 DATE 13/ 7/83 13.2
POSITION 52-48.8 N, 132-27.0 W STATION QC14
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.240
30			6.323
50			6.051
100			5.512
200			2.864
300			2.179
400			1.558
500			1.046
800			.450
1000			.387

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 62 DATE 13/ 7/83 14.4
POSITION 52-52.0 N, 132-20.8 W STATION QC13
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.225
30			6.185
50			5.959
100			5.209
150			3.236
200			2.743
300			2.175
400			1.505
500			1.119
800			.444

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 63 DATE 13/ 7/83 16.5
POSITION 52-41.3 N, 132- 6.4 W STATION QC86
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.250
20			6.237
30			6.229
50			5.972
100			5.365
150			3.153
200			2.827
300			2.258
380			1.718
500			1.158

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 64 DATE 13/ 7/83 18.2
POSITION 52-28.8 N, 131-50.6 W STATION QC88
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.314
10			6.305
20			6.168
30			6.027
50			6.013
100			4.398
150			2.988
200			2.671
300			2.215
500			1.283

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 65 DATE 13/ 7/83 20.3
POSITION 52-14.0 N, 131-29.1 W STATION QC03
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
10			6.100
20			6.098
30			5.917
50			5.548
100			3.426
150			3.142
200			2.705
300			2.871
450			1.929

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 77 DATE 15/ 7/83 9.5
POSITION 49-46.0 N, 127-20.0 W STATION QC29
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.125
10			6.134
20			6.051
30			6.007
50			5.208
75			4.414
85			4.000

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 78 DATE 15/ 7/83 10.7
POSITION 49-40.5 N, 127-29.0 W STATION WC30
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.173
10			6.101
20			6.110
30			6.708
50			6.438
100			4.309
150			3.472
200			3.499
300			2.544
500			1.325

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 79 DATE 15/ 7/83 11.8
POSITION 49-34.5 N, 127-38.8 W STATION WC31
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			6.088
10			6.105
20			6.105
50			6.181
100			5.324
150			3.256
200			2.782
300			2.784
500			1.066

OFFSHORE OCEANOGRAPHY GROUP
REFERENCE NO. 83- 11- 80 DATE 15/ 7/83 12.8
POSITION 49-29.0 N, 127-46.0 W STATION WC32
HYDROGRAPHIC CAST DATA

OBSERVED DATA

DEPTH	TEMP	SAL	OXY
0			5.999
10			6.007
20			6.033
30			6.531
50			6.155
100			5.950
150			3.442
200			2.783
300			2.534
500			1.049